

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
 Data File : VN073284.D
 Acq On : 01 Jul 2022 09:54
 Operator : JC\MD
 Sample : VN0701WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/05/2022
 Supervised By : Mahesh Dadoda 07/05/2022

Quant Time: Jul 04 05:01:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.016	168	258171	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	440557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	396504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	186127	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	181739	48.763	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.520%		
35) Dibromofluoromethane	7.945	113	145156	49.523	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.040%		
50) Toluene-d8	10.375	98	506206	48.626	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.260%		
62) 4-Bromofluorobenzene	12.668	95	199652	49.905	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	75014	19.874	ug/l	98
3) Chloromethane	2.269	50	65254	17.807	ug/l	99
4) Vinyl Chloride	2.404	62	59679	19.167	ug/l	95
5) Bromomethane	2.799	94	26375	17.935	ug/l	99
6) Chloroethane	2.969	64	36583	19.974	ug/l	99
7) Trichlorofluoromethane	3.316	101	102767	19.091	ug/l	93
8) Diethyl Ether	3.763	74	43451	19.829	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.140	101	59741	18.783	ug/l	98
10) Methyl Iodide	4.351	142	49938	14.532	ug/l	98
11) Tert butyl alcohol	5.281	59	86864	96.212	ug/l #	89
12) 1,1-Dichloroethene	4.116	96	57006	18.757	ug/l	94
13) Acrolein	3.987	56	47461	83.169	ug/l	97
14) Allyl chloride	4.763	41	121354	18.954	ug/l #	95
15) Acrylonitrile	5.475	53	229564	98.773	ug/l	99
16) Acetone	4.216	43	204165	97.592	ug/l	95
17) Carbon Disulfide	4.457	76	143597	18.222	ug/l	97
18) Methyl Acetate	4.781	43	114454	19.523	ug/l	91
19) Methyl tert-butyl Ether	5.528	73	215199	19.428	ug/l	100
20) Methylene Chloride	5.016	84	71008	19.314	ug/l	96
21) trans-1,2-Dichloroethene	5.504	96	60179	18.950	ug/l	98
22) Diisopropyl ether	6.410	45	236143	19.766	ug/l #	96
23) Vinyl Acetate	6.351	43	1070313	100.061	ug/l #	93
24) 1,1-Dichloroethane	6.298	63	124128	20.077	ug/l	99
25) 2-Butanone	7.257	43	326489	98.024	ug/l	91
26) 2,2-Dichloropropane	7.245	77	101479	17.747	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	72360	18.816	ug/l	95
28) Bromochloromethane	7.581	49	53353	20.605	ug/l	85
29) Tetrahydrofuran	7.604	42	223407	97.959	ug/l	87
30) Chloroform	7.745	83	122376	19.652	ug/l	96
31) Cyclohexane	8.016	56	112409	18.416	ug/l	92
32) 1,1,1-Trichloroethane	7.939	97	104025	18.746	ug/l	99
36) 1,1-Dichloropropene	8.145	75	87369	19.372	ug/l	97
37) Ethyl Acetate	7.339	43	129479	19.000	ug/l	98
38) Carbon Tetrachloride	8.133	117	89895	19.274	ug/l	96
39) Methylcyclohexane	9.392	83	108209	19.271	ug/l	97
40) Benzene	8.386	78	272086	19.548	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
 Data File : VN073284.D
 Acq On : 01 Jul 2022 09:54
 Operator : JC\MD
 Sample : VN0701WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0701WBS01

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 07/05/2022
 Supervised By : Mahesh Dadoda 07/05/2022

Quant Time: Jul 04 05:01:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	69279	20.962	ug/l #	82
42) 1,2-Dichloroethane	8.463	62	99568	19.734	ug/l	99
43) Isopropyl Acetate	8.492	43	196061	20.019	ug/l	94
44) Trichloroethene	9.151	130	65894	18.603	ug/l	99
45) 1,2-Dichloropropane	9.428	63	69457	19.578	ug/l	97
46) Dibromomethane	9.510	93	47069	19.540	ug/l	92
47) Bromodichloromethane	9.698	83	92708	19.871	ug/l	98
48) Methyl methacrylate	9.492	41	87676	19.335	ug/l	91
49) 1,4-Dioxane	9.504	88	35598	413.524	ug/l #	96
51) 4-Methyl-2-Pentanone	10.269	43	635621	102.342	ug/l	91
52) Toluene	10.439	92	167778	19.505	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	102648	19.986	ug/l	96
54) cis-1,3-Dichloropropene	10.127	75	110348	19.901	ug/l	92
55) 1,1,2-Trichloroethane	10.833	97	67900	19.174	ug/l	97
56) Ethyl methacrylate	10.698	69	112222	19.606	ug/l #	84
57) 1,3-Dichloropropane	10.980	76	121050	19.941	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	269332	105.509	ug/l	95
59) 2-Hexanone	11.022	43	482945	102.010	ug/l	89
60) Dibromochloromethane	11.174	129	69003	20.438	ug/l	100
61) 1,2-Dibromoethane	11.280	107	70538	19.942	ug/l	99
64) Tetrachloroethene	10.916	164	60148	18.577	ug/l	95
65) Chlorobenzene	11.710	112	171229	19.094	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	64428	19.533	ug/l	99
67) Ethyl Benzene	11.780	91	315238	19.363	ug/l	97
68) m/p-Xylenes	11.892	106	242225	39.424	ug/l	96
69) o-Xylene	12.216	106	120411	19.197	ug/l	97
70) Styrene	12.233	104	192490	19.877	ug/l	99
71) Bromoform	12.398	173	47435	19.654	ug/l #	99
73) Isopropylbenzene	12.516	105	311602	19.387	ug/l	99
74) N-amyl acetate	12.327	43	153610	19.087	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.768	83	106365	19.943	ug/l	98
76) 1,2,3-Trichloropropane	12.821	75	89003m	18.288	ug/l	
77) Bromobenzene	12.798	156	71878	19.235	ug/l	87
78) n-propylbenzene	12.857	91	353404	19.792	ug/l	98
79) 2-Chlorotoluene	12.945	91	217603	19.255	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	261137	19.933	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.563	75	34641	19.520	ug/l	94
82) 4-Chlorotoluene	13.039	91	213789	19.541	ug/l	98
83) tert-Butylbenzene	13.263	119	224782	19.139	ug/l	96
84) 1,2,4-Trimethylbenzene	13.304	105	258331	19.751	ug/l	97
85) sec-Butylbenzene	13.439	105	312389	19.808	ug/l	98
86) p-Isopropyltoluene	13.551	119	257634	20.222	ug/l	98
87) 1,3-Dichlorobenzene	13.551	146	129912	19.378	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	128074	19.067	ug/l	97
89) n-Butylbenzene	13.880	91	207734	19.568	ug/l	98
90) Hexachloroethane	14.145	117	45286	19.074	ug/l	90
91) 1,2-Dichlorobenzene	13.927	146	132642	19.423	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	25544	19.705	ug/l	87
93) 1,2,4-Trichlorobenzene	15.192	180	68180	19.174	ug/l	99
94) Hexachlorobutadiene	15.298	225	29643	18.753	ug/l	98
95) Naphthalene	15.433	128	266813	18.600	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	69748	19.015	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070122\
Data File : VN073284.D
Acq On : 01 Jul 2022 09:54
Operator : JC\MD
Sample : VN0701WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0701WBS01

Manual Integrations
APPROVED

Reviewed By :Semsettin Yesilyurt 07/05/2022
Supervised By :Mahesh Dadoda 07/05/2022

Quant Time: Jul 04 05:01:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 01:54:03 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

