

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011022\
 Data File : VN070540.D
 Acq On : 10 Jan 2022 13:47
 Operator : JC/MD
 Sample : VN0110WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0110WBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 01/12/2022
 Supervised By :Semsettin Yesilyurt 01/12/2022

Quant Time: Jan 10 14:05:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	1032636	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1648969	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1512677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	627487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	667385	44.950	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	89.900%		
35) Dibromofluoromethane	8.021	113	498930	50.008	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.020%		
50) Toluene-d8	10.440	98	2035043	49.931	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.860%		
62) 4-Bromofluorobenzene	12.728	95	725765	49.302	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	188397	16.088	ug/l	98
3) Chloromethane	2.303	50	267451	16.789	ug/l	100
4) Vinyl Chloride	2.448	62	242217	16.700	ug/l	99
5) Bromomethane	2.859	94	137546	18.374	ug/l	98
6) Chloroethane	3.025	64	155741	17.831	ug/l	96
7) Trichlorofluoromethane	3.379	101	304505	17.443	ug/l	96
8) Diethyl Ether	3.824	74	137650	17.887	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.208	101	195942	18.351	ug/l	95
10) Methyl Iodide	4.422	142	255123	17.656	ug/l	98
11) Tert butyl alcohol	5.372	59	212188	85.831	ug/l	97
12) 1,1-Dichloroethene	4.183	96	182427	17.346	ug/l	89
13) Acrolein	4.039	56	115575	57.618	ug/l	98
14) Allyl chloride	4.843	41	429449	18.011	ug/l #	84
15) Acrylonitrile	5.551	53	727169	94.261	ug/l	99
16) Acetone	4.285	43	829589	86.073	ug/l	98
17) Carbon Disulfide	4.529	76	467403	16.282	ug/l	100
18) Methyl Acetate	4.854	43	505486	18.131	ug/l	91
19) Methyl tert-butyl Ether	5.616	73	712505	18.243	ug/l	94
20) Methylene Chloride	5.095	84	237552	17.814	ug/l	88
21) trans-1,2-Dichloroethene	5.599	96	200522	18.008	ug/l	87
22) Diisopropyl ether	6.495	45	892348	19.214	ug/l #	92
23) Vinyl Acetate	6.431	43	3344221	92.808	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	434815	18.056	ug/l	98
25) 2-Butanone	7.335	43	1097339	90.422	ug/l	92
26) 2,2-Dichloropropane	7.324	77	325659	17.142	ug/l	98
27) cis-1,2-Dichloroethene	7.329	96	241514	18.177	ug/l	87
28) Bromochloromethane	7.657	49	241577	20.513	ug/l #	77
29) Tetrahydrofuran	7.683	42	678767	93.745	ug/l	87
30) Chloroform	7.817	83	422783	18.198	ug/l	99
31) Cyclohexane	8.094	56	431461	18.415	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	340528	17.384	ug/l	98
36) 1,1-Dichloropropene	8.220	75	306102	18.546	ug/l	96
37) Ethyl Acetate	7.413	43	398994	18.650	ug/l	96
38) Carbon Tetrachloride	8.206	117	269431	17.096	ug/l	100
39) Methylcyclohexane	9.459	83	374028	18.719	ug/l	90
40) Benzene	8.458	78	973635	19.242	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	208250	19.461	ug/l	88
42) 1,2-Dichloroethane	8.528	62	333803	17.551	ug/l	100
43) Isopropyl Acetate	8.558	43	632677	18.757	ug/l #	95
44) Trichloroethene	9.215	130	219408	18.249	ug/l	89
45) 1,2-Dichloropropane	9.488	63	268667	19.720	ug/l	98
46) Dibromomethane	9.574	93	158434	18.702	ug/l	95
47) Bromodichloromethane	9.759	83	312068	18.552	ug/l	99
48) Methyl methacrylate	9.558	41	285592	17.751	ug/l #	85
49) 1,4-Dioxane	9.569	88	88757	376.872	ug/l #	82
51) 4-Methyl-2-Pentanone	10.328	43	2051391	96.789	ug/l	97
52) Toluene	10.502	92	588722	19.222	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	338883	18.609	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	377519	19.164	ug/l	99
55) 1,1,2-Trichloroethane	10.896	97	234227	19.329	ug/l	97
56) Ethyl methacrylate	10.760	69	381802	19.068	ug/l	87
57) 1,3-Dichloropropane	11.041	76	417071	19.459	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.041	63	306220	73.952	ug/l	90
59) 2-Hexanone	11.084	43	1474133	95.376	ug/l	96
60) Dibromochloromethane	11.237	129	221770	18.757	ug/l	99
61) 1,2-Dibromoethane	11.344	107	229499	18.652	ug/l	99
64) Tetrachloroethene	10.977	164	198362	18.109	ug/l	94
65) Chlorobenzene	11.768	112	610064	19.008	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	216066	18.857	ug/l	98
67) Ethyl Benzene	11.843	91	1134242	19.288	ug/l	95
68) m/p-Xylenes	11.950	106	836445	39.075	ug/l	93
69) o-Xylene	12.280	106	410846	19.296	ug/l	92
70) Styrene	12.291	104	666021	19.764	ug/l	97
71) Bromoform	12.455	173	160088	18.826	ug/l #	100
73) Isopropylbenzene	12.578	105	1082139	18.571	ug/l	98
74) N-amyl acetate	12.388	43	427151	17.434	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	368234	18.309	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	309689m	18.493	ug/l	
77) Bromobenzene	12.860	156	248356	18.564	ug/l	78
78) n-propylbenzene	12.919	91	1241393	19.227	ug/l	96
79) 2-Chlorotoluene	13.004	91	765892	18.488	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	883836	18.927	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.624	75	93189	18.145	ug/l	95
82) 4-Chlorotoluene	13.104	91	737711	19.011	ug/l	92
83) tert-Butylbenzene	13.324	119	765132	18.608	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	862020	19.171	ug/l	99
85) sec-Butylbenzene	13.501	105	1076315	19.281	ug/l	97
86) p-Isopropyltoluene	13.613	119	853267	19.458	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	432781	19.325	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	413774	18.730	ug/l	97
89) n-Butylbenzene	13.940	91	678979	18.563	ug/l	97
90) Hexachloroethane	14.209	117	139541	18.317	ug/l	94
91) 1,2-Dichlorobenzene	13.986	146	413435	18.831	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.600	75	55691	16.498	ug/l	83
93) 1,2,4-Trichlorobenzene	15.263	180	189610	18.329	ug/l	98
94) Hexachlorobutadiene	15.367	225	133341	22.178	ug/l	98
95) Naphthalene	15.504	128	444710	16.793	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	181217	18.837	ug/l	98

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

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