

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN072122\
 Data File : VN073560.D
 Acq On : 21 Jul 2022 17:09
 Operator : JC\MD
 Sample : VN0721WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0721WBSD02

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/22/2022
 Supervised By :Semsettin Yesilyurt 07/22/2022

Quant Time: Jul 22 08:01:15 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	206543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	345726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	319311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	157266	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	145691	48.862	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.720%		
35) Dibromofluoromethane	7.951	113	119403	51.911	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	103.820%		
50) Toluene-d8	10.380	98	388767	47.588	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.180%		
62) 4-Bromofluorobenzene	12.674	95	155786	49.622	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	56511	18.714	ug/l	95
3) Chloromethane	2.263	50	50296	17.156	ug/l	97
4) Vinyl Chloride	2.398	62	44131	17.717	ug/l	100
5) Bromomethane	2.793	94	23046	19.588	ug/l	94
6) Chloroethane	2.957	64	28742	19.615	ug/l	97
7) Trichlorofluoromethane	3.310	101	66256	15.385	ug/l	91
8) Diethyl Ether	3.763	74	32096	18.309	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.128	101	43392	17.053	ug/l	96
10) Methyl Iodide	4.351	142	34620	13.042	ug/l	95
11) Tert butyl alcohol	5.292	59	73475	101.724	ug/l	99
12) 1,1-Dichloroethene	4.104	96	40383	16.609	ug/l	97
13) Acrolein	3.981	56	8542	18.710	ug/l	96
14) Allyl chloride	4.757	41	90950	17.756	ug/l #	92
15) Acrylonitrile	5.475	53	193130	103.868	ug/l	98
16) Acetone	4.222	43	174092	104.018	ug/l	96
17) Carbon Disulfide	4.457	76	106290	16.859	ug/l	96
18) Methyl Acetate	4.775	43	96763	20.631	ug/l	90
19) Methyl tert-butyl Ether	5.528	73	160451	18.106	ug/l	99
20) Methylene Chloride	5.010	84	53546	18.205	ug/l	92
21) trans-1,2-Dichloroethene	5.504	96	43597	17.160	ug/l	96
22) Diisopropyl ether	6.410	45	178698	18.696	ug/l #	95
23) Vinyl Acetate	6.351	43	814694	95.202	ug/l #	93
24) 1,1-Dichloroethane	6.298	63	88643	17.921	ug/l	97
25) 2-Butanone	7.257	43	291598	109.432	ug/l #	89
26) 2,2-Dichloropropane	7.239	77	64102	14.013	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	52387	17.028	ug/l	94
28) Bromochloromethane	7.580	49	46098	22.254	ug/l	83
29) Tetrahydrofuran	7.610	42	198178	108.618	ug/l #	86
30) Chloroform	7.745	83	87590	17.582	ug/l	98
31) Cyclohexane	8.022	56	82001	16.792	ug/l	94
32) 1,1,1-Trichloroethane	7.939	97	73733	16.608	ug/l	99
36) 1,1-Dichloropropene	8.151	75	63718	18.003	ug/l	96
37) Ethyl Acetate	7.339	43	105581	19.743	ug/l	96
38) Carbon Tetrachloride	8.128	117	61613	16.834	ug/l	90
39) Methylcyclohexane	9.398	83	79242	17.984	ug/l	96
40) Benzene	8.392	78	201774	18.473	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	55063	21.231	ug/l #	84
42) 1,2-Dichloroethane	8.463	62	73246	18.499	ug/l	99
43) Isopropyl Acetate	8.492	43	155780	20.269	ug/l #	93
44) Trichloroethene	9.151	130	49733	17.892	ug/l	98
45) 1,2-Dichloropropane	9.427	63	52200	18.750	ug/l	92
46) Dibromomethane	9.516	93	36983	19.565	ug/l	89
47) Bromodichloromethane	9.698	83	66690	18.216	ug/l	97
48) Methyl methacrylate	9.498	41	67366	18.931	ug/l	91
49) 1,4-Dioxane	9.504	88	32247	477.347	ug/l #	95
51) 4-Methyl-2-Pentanone	10.269	43	537669	110.316	ug/l	90
52) Toluene	10.445	92	123713	18.327	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	72541	17.998	ug/l	98
54) cis-1,3-Dichloropropene	10.127	75	80672	18.540	ug/l #	86
55) 1,1,2-Trichloroethane	10.839	97	51845	18.656	ug/l	95
56) Ethyl methacrylate	10.704	69	83692	18.633	ug/l #	82
57) 1,3-Dichloropropane	10.986	76	90346	18.965	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.980	63	197067	98.376	ug/l	96
59) 2-Hexanone	11.027	43	415732	111.900	ug/l	89
60) Dibromochloromethane	11.174	129	52121	19.672	ug/l	99
61) 1,2-Dibromoethane	11.286	107	52811	19.026	ug/l	99
64) Tetrachloroethene	10.916	164	49557	19.006	ug/l	95
65) Chlorobenzene	11.710	112	125178	17.334	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	47158	17.754	ug/l	98
67) Ethyl Benzene	11.786	91	228435	17.424	ug/l	99
68) m/p-Xylenes	11.892	106	176023	35.575	ug/l	99
69) o-Xylene	12.221	106	87507	17.324	ug/l	96
70) Styrene	12.233	104	136714	17.531	ug/l	97
71) Bromoform	12.398	173	37121	19.099	ug/l #	99
73) Isopropylbenzene	12.521	105	222113	16.355	ug/l	99
74) N-amyl acetate	12.327	43	115774	17.025	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.768	83	82763	18.365	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	64029m	15.571	ug/l	
77) Bromobenzene	12.798	156	52817	16.728	ug/l	90
78) n-propylbenzene	12.863	91	251142	16.646	ug/l	98
79) 2-Chlorotoluene	12.945	91	156156	16.354	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	185194	16.730	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.568	75	25440	16.966	ug/l	93
82) 4-Chlorotoluene	13.045	91	145486	15.738	ug/l	96
83) tert-Butylbenzene	13.262	119	166779	16.806	ug/l	98
84) 1,2,4-Trimethylbenzene	13.310	105	184197	16.667	ug/l	98
85) sec-Butylbenzene	13.445	105	223545	16.776	ug/l	98
86) p-Isopropyltoluene	13.557	119	181491	16.860	ug/l	98
87) 1,3-Dichlorobenzene	13.557	146	91168	16.095	ug/l	100
88) 1,4-Dichlorobenzene	13.633	146	92138	16.234	ug/l	97
89) n-Butylbenzene	13.880	91	145552	16.226	ug/l	98
90) Hexachloroethane	14.151	117	33607	16.752	ug/l	85
91) 1,2-Dichlorobenzene	13.927	146	96577	16.737	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.545	75	19307	17.627	ug/l	93
93) 1,2,4-Trichlorobenzene	15.198	180	50154	16.693	ug/l	99
94) Hexachlorobutadiene	15.304	225	24477	18.326	ug/l	97
95) Naphthalene	15.439	128	201425	16.618	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	52456	16.925	ug/l	98

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

