

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076170.D
 Acq On : 09 Jan 2023 20:52
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/10/2023
 Supervised By : Mahesh Dadoda 01/11/2023

Quant Time: Jan 10 01:13:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	324552	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	513955	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	450422	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	218969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	169862	48.108	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.220%		
35) Dibromofluoromethane	8.171	113	151666	47.651	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.300%		
50) Toluene-d8	10.570	98	551956	46.382	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	92.760%		
62) 4-Bromofluorobenzene	12.853	95	193229	49.024	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	138941	60.293	ug/l	99
3) Chloromethane	2.371	50	143238	49.987	ug/l	95
4) Vinyl Chloride	2.524	62	174879	51.162	ug/l	98
5) Bromomethane	2.947	94	135101	46.507	ug/l	97
6) Chloroethane	3.118	64	120451	47.586	ug/l	99
7) Trichlorofluoromethane	3.506	101	241455	46.553	ug/l	96
8) Diethyl Ether	3.971	74	87144	46.001	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.383	101	137148	46.307	ug/l	98
10) Methyl Iodide	4.600	142	214561	44.640	ug/l	98
11) Tert butyl alcohol	5.541	59	103887	207.937	ug/l	100
12) 1,1-Dichloroethene	4.353	96	132051	45.907	ug/l	96
13) Acrolein	4.188	56	136746	223.258	ug/l	100
14) Allyl chloride	5.035	41	156035	46.404	ug/l	90
15) Acrylonitrile	5.729	53	316668	232.264	ug/l	100
16) Acetone	4.441	43	242165	198.962	ug/l	98
17) Carbon Disulfide	4.724	76	321036	46.096	ug/l	98
18) Methyl Acetate	5.035	43	179819	49.981	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	466160	49.212	ug/l	97
20) Methylene Chloride	5.282	84	156282	47.973	ug/l	96
21) trans-1,2-Dichloroethene	5.800	96	139981	44.436	ug/l	97
22) Diisopropyl ether	6.682	45	401683	49.174	ug/l	99
23) Vinyl Acetate	6.612	43	1322036	240.456	ug/l	97
24) 1,1-Dichloroethane	6.577	63	253167	46.472	ug/l	99
25) 2-Butanone	7.488	43	400961	235.275	ug/l	95
26) 2,2-Dichloropropane	7.500	77	203654	44.144	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	170997	45.386	ug/l	97
28) Bromochloromethane	7.818	49	99381	41.621	ug/l	95
29) Tetrahydrofuran	7.841	42	263371	246.604	ug/l	98
30) Chloroform	7.971	83	277526	45.246	ug/l	95
31) Cyclohexane	8.265	56	228682	45.223	ug/l	96
32) 1,1,1-Trichloroethane	8.176	97	254664	46.832	ug/l	98
36) 1,1-Dichloropropene	8.376	75	203879	48.220	ug/l	99
37) Ethyl Acetate	7.565	43	165629	48.769	ug/l	99
38) Carbon Tetrachloride	8.370	117	230271	48.661	ug/l	99
39) Methylcyclohexane	9.606	83	254785	49.949	ug/l	99
40) Benzene	8.612	78	615107	47.152	ug/l	100

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41) Methacrylonitrile	7.788	41	91004	51.551	ug/l	98
42) 1,2-Dichloroethane	8.676	62	206600	47.637	ug/l	100
43) Isopropyl Acetate	8.694	43	292960	52.293	ug/l	98
44) Trichloroethene	9.353	130	163987	44.622	ug/l	97
45) 1,2-Dichloropropane	9.623	63	149403	47.064	ug/l	99
46) Dibromomethane	9.712	93	109950	46.698	ug/l	99
47) Bromodichloromethane	9.888	83	224294	48.577	ug/l	98
48) Methyl methacrylate	9.682	41	135597	53.739	ug/l	98
49) 1,4-Dioxane	9.694	88	53815	867.539	ug/l	97
51) 4-Methyl-2-Pentanone	10.447	43	868423	256.321	ug/l	98
52) Toluene	10.629	92	407748	47.993	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	228999	50.666	ug/l	98
54) cis-1,3-Dichloropropene	10.317	75	243432	49.054	ug/l	99
55) 1,1,2-Trichloroethane	11.017	97	158075	47.403	ug/l	96
56) Ethyl methacrylate	10.876	69	231772	52.326	ug/l	97
57) 1,3-Dichloropropane	11.164	76	263345	48.144	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	408083	289.371	ug/l	99
59) 2-Hexanone	11.200	43	639088	258.658	ug/l	98
60) Dibromochloromethane	11.359	129	182361	49.173	ug/l	99
61) 1,2-Dibromoethane	11.470	107	160794	47.648	ug/l	98
64) Tetrachloroethene	11.106	164	163455	51.571	ug/l	97
65) Chlorobenzene	11.894	112	434945	47.047	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	168960	49.342	ug/l	99
67) Ethyl Benzene	11.964	91	793297	50.843	ug/l	99
68) m/p-Xylenes	12.070	106	621700	100.670	ug/l	100
69) o-Xylene	12.400	106	308480	50.476	ug/l	100
70) Styrene	12.411	104	509433	52.426	ug/l	100
71) Bromoform	12.582	173	132687	53.252	ug/l #	99
73) Isopropylbenzene	12.700	105	809250	51.142	ug/l	99
74) N-amyl acetate	12.494	43	257521	55.475	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	223156	45.619	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	224133m	50.779	ug/l	
77) Bromobenzene	12.982	156	188010	46.949	ug/l	99
78) n-propylbenzene	13.035	91	919675	52.696	ug/l	99
79) 2-Chlorotoluene	13.129	91	537823	49.367	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	675866	51.033	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	67040	54.671	ug/l	96
82) 4-Chlorotoluene	13.129	91	537823	49.367	ug/l	100
83) tert-Butylbenzene	13.441	119	595727	51.019	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	676992	51.529	ug/l	99
85) sec-Butylbenzene	13.617	105	852944	52.924	ug/l	99
86) p-Isopropyltoluene	13.729	119	722969	53.911	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	354843	47.969	ug/l	98
88) 1,4-Dichlorobenzene	13.811	146	349015	46.186	ug/l	99
89) n-Butylbenzene	14.058	91	585729	53.914	ug/l	100
90) Hexachloroethane	14.335	117	132108	55.072	ug/l	96
91) 1,2-Dichlorobenzene	14.105	146	354302	48.626	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	42960	49.494	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	182379	50.559	ug/l	98
94) Hexachlorobutadiene	15.505	225	94171	47.849	ug/l	99
95) Naphthalene	15.641	128	560660	47.176	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	176406	52.322	ug/l	97

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

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