

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070124\
 Data File : VN082780.D
 Acq On : 01 Jul 2024 21:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John Carlone 07/02/2024
 Supervised By :Mahesh Dadoda 07/02/2024

Quant Time: Jul 02 00:15:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	147641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	254036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	228515	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	106518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	100771	44.259	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.520%		
35) Dibromofluoromethane	8.165	113	81374	48.652	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.300%		
50) Toluene-d8	10.565	98	293024	46.846	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.700%		
62) 4-Bromofluorobenzene	12.847	95	110194	51.299	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	102.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	95767	42.491	ug/l	98
3) Chloromethane	2.359	50	81364	34.491	ug/l	99
4) Vinyl Chloride	2.512	62	89975	35.995	ug/l	100
5) Bromomethane	2.948	94	53967	30.347	ug/l	97
6) Chloroethane	3.112	64	62079	35.211	ug/l	98
7) Trichlorofluoromethane	3.495	101	143121	46.191	ug/l	96
8) Diethyl Ether	3.959	74	49406	50.983	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.371	101	79829	45.160	ug/l	99
10) Methyl Iodide	4.589	142	93914	57.941	ug/l	99
11) Tert butyl alcohol	5.530	59	87624	240.935	ug/l	97
12) 1,1-Dichloroethene	4.336	96	75060	45.521	ug/l	92
13) Acrolein	4.177	56	61909	279.826	ug/l	100
14) Allyl chloride	5.024	41	109589	44.234	ug/l #	96
15) Acrylonitrile	5.724	53	200670	207.430	ug/l	98
16) Acetone	4.424	43	169615	196.623	ug/l	95
17) Carbon Disulfide	4.712	76	188341	34.875	ug/l	96
18) Methyl Acetate	5.024	43	91999	40.117	ug/l #	90
19) Methyl tert-butyl Ether	5.800	73	269198	49.239	ug/l	98
20) Methylene Chloride	5.271	84	83231	38.129	ug/l #	83
21) trans-1,2-Dichloroethene	5.783	96	77626	43.627	ug/l	87
22) Diisopropyl ether	6.677	45	255967	44.409	ug/l #	95
23) Vinyl Acetate	6.606	43	1049127	227.969	ug/l #	94
24) 1,1-Dichloroethane	6.565	63	151008	43.154	ug/l	98
25) 2-Butanone	7.483	43	271558	206.049	ug/l #	90
26) 2,2-Dichloropropane	7.494	77	117076	52.149	ug/l	95
27) cis-1,2-Dichloroethene	7.489	96	96020	45.865	ug/l	88
28) Bromochloromethane	7.818	49	60232	39.354	ug/l #	82
29) Tetrahydrofuran	7.841	42	176045	207.151	ug/l #	84
30) Chloroform	7.965	83	160739	43.086	ug/l	100
31) Cyclohexane	8.259	56	123926	38.630	ug/l	90
32) 1,1,1-Trichloroethane	8.171	97	151105	45.875	ug/l	96
36) 1,1-Dichloropropene	8.371	75	110624	46.016	ug/l	97
37) Ethyl Acetate	7.565	43	113225	43.577	ug/l #	93
38) Carbon Tetrachloride	8.365	117	132496	47.123	ug/l	96
39) Methylcyclohexane	9.600	83	115054	46.096	ug/l	94
40) Benzene	8.606	78	343222	43.520	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	61102	45.607	ug/l #	91
42) 1,2-Dichloroethane	8.671	62	123463	43.596	ug/l	96
43) Isopropyl Acetate	8.694	43	217541	47.975	ug/l #	95
44) Trichloroethene	9.353	130	84069	45.913	ug/l	100
45) 1,2-Dichloropropane	9.624	63	83258	43.559	ug/l	96
46) Dibromomethane	9.712	93	62703	44.912	ug/l	97
47) Bromodichloromethane	9.888	83	129673	45.581	ug/l	98
48) Methyl methacrylate	9.682	41	90691	45.354	ug/l #	86
49) 1,4-Dioxane	9.694	88	38098	954.689	ug/l #	91
51) 4-Methyl-2-Pentanone	10.447	43	583722	219.643	ug/l	92
52) Toluene	10.629	92	222929	48.139	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	135654	50.417	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	140481	49.660	ug/l	90
55) 1,1,2-Trichloroethane	11.018	97	84236	46.909	ug/l	95
56) Ethyl methacrylate	10.877	69	143423	53.105	ug/l #	84
57) 1,3-Dichloropropane	11.165	76	143718	45.534	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	332557	244.414	ug/l	95
59) 2-Hexanone	11.200	43	444447	225.543	ug/l	92
60) Dibromochloromethane	11.359	129	105549	48.465	ug/l	100
61) 1,2-Dibromoethane	11.471	107	86721	45.964	ug/l	97
64) Tetrachloroethene	11.106	164	76993	44.977	ug/l	100
65) Chlorobenzene	11.894	112	247337	48.250	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	88944	49.929	ug/l	99
67) Ethyl Benzene	11.965	91	434835	51.400	ug/l	97
68) m/p-Xylenes	12.071	106	333104	105.824	ug/l	96
69) o-Xylene	12.400	106	162326	53.510	ug/l	96
70) Styrene	12.412	104	277080	53.801	ug/l	98
71) Bromoform	12.582	173	72566	52.087	ug/l #	99
73) Isopropylbenzene	12.694	105	412751	53.131	ug/l	99
74) N-amyl acetate	12.494	43	182131	52.527	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	118859	43.608	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	108039m	46.500	ug/l	
77) Bromobenzene	12.982	156	100135	51.868	ug/l	95
78) n-propylbenzene	13.035	91	465658	50.765	ug/l	98
79) 2-Chlorotoluene	13.123	91	289784	50.408	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	334536	52.422	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.735	75	46602	52.308	ug/l	89
82) 4-Chlorotoluene	13.223	91	286980	50.590	ug/l	98
83) tert-Butylbenzene	13.441	119	291951	54.363	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	341218	54.097	ug/l	98
85) sec-Butylbenzene	13.618	105	388762	51.663	ug/l	98
86) p-Isopropyltoluene	13.729	119	327100	54.255	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	175993	47.608	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	178190	46.311	ug/l	99
89) n-Butylbenzene	14.059	91	280674	52.573	ug/l	99
90) Hexachloroethane	14.335	117	60290	45.036	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	174708	49.761	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	23506	45.775	ug/l	83
93) 1,2,4-Trichlorobenzene	15.394	180	86947	50.728	ug/l	100
94) Hexachlorobutadiene	15.500	225	32219	41.558	ug/l	98
95) Naphthalene	15.641	128	325250	57.135	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	86753	47.462	ug/l	98

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

