

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061224\
 Data File : VN082545.D
 Acq On : 12 Jun 2024 21:49
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/13/2024
 Supervised By : Mahesh Dadoda 06/13/2024

Quant Time: Jun 13 01:36:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051524W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 05:21:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	177096	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	297943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	138776	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	138709	49.603	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.200%		
35) Dibromofluoromethane	8.165	113	100263	54.705	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	109.400%		
50) Toluene-d8	10.571	98	355317	50.566	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.140%		
62) 4-Bromofluorobenzene	12.847	95	137429	54.795	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery =	109.600%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	142981	55.999	ug/l	100
3) Chloromethane	2.365	50	154683	53.456	ug/l	99
4) Vinyl Chloride	2.512	62	153767	56.525	ug/l	97
5) Bromomethane	2.948	94	90285	57.741	ug/l	100
6) Chloroethane	3.118	64	102007	57.428	ug/l	100
7) Trichlorofluoromethane	3.495	101	204588	57.433	ug/l	100
8) Diethyl Ether	3.959	74	75378	59.399	ug/l	75
9) 1,1,2-Trichlorotrifluo...	4.371	101	116449	55.961	ug/l	99
10) Methyl Iodide	4.589	142	126916	60.670	ug/l	95
11) Tert butyl alcohol	5.524	59	124207	276.703	ug/l	100
12) 1,1-Dichloroethene	4.342	96	109883	56.813	ug/l #	79
13) Acrolein	4.183	56	101175	304.159	ug/l	97
14) Allyl chloride	5.018	41	214094	51.702	ug/l #	92
15) Acrylonitrile	5.718	53	338487	291.158	ug/l	99
16) Acetone	4.424	43	301606	262.922	ug/l	89
17) Carbon Disulfide	4.712	76	322265	51.589	ug/l	97
18) Methyl Acetate	5.024	43	176993	61.955	ug/l #	87
19) Methyl tert-butyl Ether	5.800	73	414532	58.636	ug/l	96
20) Methylene Chloride	5.283	84	130449	56.363	ug/l #	79
21) trans-1,2-Dichloroethene	5.789	96	117848	55.913	ug/l #	84
22) Diisopropyl ether	6.677	45	494116	57.145	ug/l #	93
23) Vinyl Acetate	6.606	43	1952955	286.469	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	251279	56.381	ug/l	96
25) 2-Butanone	7.483	43	491440	282.562	ug/l #	85
26) 2,2-Dichloropropane	7.488	77	183835	49.246	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	146447	58.876	ug/l	85
28) Bromochloromethane	7.812	49	91833	47.291	ug/l #	76
29) Tetrahydrofuran	7.841	42	330374	295.853	ug/l #	83
30) Chloroform	7.965	83	249365	58.591	ug/l	99
31) Cyclohexane	8.259	56	224933	50.363	ug/l	88
32) 1,1,1-Trichloroethane	8.171	97	222888	59.031	ug/l	94
36) 1,1-Dichloropropene	8.371	75	176196	57.320	ug/l	96
37) Ethyl Acetate	7.559	43	202127	58.756	ug/l #	94
38) Carbon Tetrachloride	8.365	117	192075	61.641	ug/l	96
39) Methylcyclohexane	9.600	83	188899	56.063	ug/l #	86
40) Benzene	8.606	78	545574	59.519	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	116269	57.469	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	203722	57.787	ug/l	96
43) Isopropyl Acetate	8.688	43	366948	60.199	ug/l #	90
44) Trichloroethene	9.353	130	122762	58.958	ug/l	98
45) 1,2-Dichloropropane	9.624	63	139792	59.107	ug/l	99
46) Dibromomethane	9.712	93	93770	60.391	ug/l	98
47) Bromodichloromethane	9.888	83	203828	62.182	ug/l	99
48) Methyl methacrylate	9.682	41	175225	60.328	ug/l #	82
49) 1,4-Dioxane	9.700	88	52118	1280.518	ug/l #	79
51) 4-Methyl-2-Pentanone	10.447	43	1070971	309.233	ug/l	90
52) Toluene	10.629	92	341441	62.071	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	208367	61.462	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	216228	60.256	ug/l #	80
55) 1,1,2-Trichloroethane	11.018	97	124579	62.320	ug/l	97
56) Ethyl methacrylate	10.876	69	215534	63.505	ug/l #	75
57) 1,3-Dichloropropane	11.165	76	224167	59.975	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	494116	282.254	ug/l	90
59) 2-Hexanone	11.200	43	791231	312.016	ug/l	90
60) Dibromochloromethane	11.359	129	152404	69.084	ug/l	100
61) 1,2-Dibromoethane	11.471	107	127202	61.951	ug/l	99
64) Tetrachloroethene	11.106	164	123715	59.828	ug/l	95
65) Chlorobenzene	11.894	112	360984	58.571	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	130617	64.340	ug/l	99
67) Ethyl Benzene	11.965	91	648997	58.865	ug/l	100
68) m/p-Xylenes	12.070	106	488017	120.774	ug/l	93
69) o-Xylene	12.400	106	233892	59.755	ug/l	91
70) Styrene	12.412	104	410864	63.195	ug/l	97
71) Bromoform	12.582	173	103864	64.126	ug/l #	96
73) Isopropylbenzene	12.694	105	612216	55.530	ug/l	99
74) N-amyl acetate	12.494	43	315579	52.038	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.941	83	174891	55.030	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	170055m	58.220	ug/l	
77) Bromobenzene	12.982	156	147787	56.249	ug/l	91
78) n-propylbenzene	13.035	91	727204	55.701	ug/l	98
79) 2-Chlorotoluene	13.129	91	445338	54.323	ug/l	94
80) 1,3,5-Trimethylbenzene	13.176	105	509287	57.129	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	67704	54.215	ug/l #	75
82) 4-Chlorotoluene	13.223	91	439793	54.868	ug/l	96
83) tert-Butylbenzene	13.441	119	431275	55.298	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	518077	56.803	ug/l	97
85) sec-Butylbenzene	13.617	105	608952	56.332	ug/l	98
86) p-Isopropyltoluene	13.729	119	511480	58.219	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	272300	57.205	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	265820	54.715	ug/l	99
89) n-Butylbenzene	14.059	91	435139	55.106	ug/l	98
90) Hexachloroethane	14.335	117	98806	60.702	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	260552	57.827	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.717	75	37964	58.141	ug/l	90
93) 1,2,4-Trichlorobenzene	15.394	180	137791	54.557	ug/l	98
94) Hexachlorobutadiene	15.506	225	59431	53.627	ug/l	97
95) Naphthalene	15.641	128	465818	58.853	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	143575	56.786	ug/l	97

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

