

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052220\
 Data File : VV016185.D
 Acq On : 22 May 2020 20:51
 Operator : SY/MD
 Sample : L2756-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKW8

Manual Integrations
 APPROVED

MMDadoda
 5/26/2020 9:35:20 AM

Quant Time: May 25 02:10:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 23 05:08:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	158316	5.00	ug/L	0.02
28) Chlorobenzene-d5	8.88	117	154019	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.28	152	79073	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	51544	6.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.00%
7) Chloroethane-d5	1.58	69	37748	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.80%
11) 1,1-Dichloroethene-d2	2.14	63	3487971	188.86	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	3777.20%#
20) 2-Butanone-d5	4.05	46	44405	18.12	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	36.24%#
24) Chloroform-d	4.40	84	95113	5.07	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.08	65	45471	4.23	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
32) Benzene-d6	5.10	84	179508	4.90	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.11	67	53546	4.79	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.36	98	192832m	5.57	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.40%
45) trans-1,3-Dichloropropene-	7.66	79	18457	4.20	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
48) 2-Hexanone-d5	8.13	63	83155	43.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.22%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	36793	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	64276	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.13	85	1183	0.098	ug/L #	83
3) Chloromethane	1.24	50	1315	0.107	ug/L	100
5) Vinyl chloride	1.32	62	1022664	87.075	ug/L	100
8) Chloroethane	1.59	64	14207	1.698	ug/L	87
9) Trichlorofluoromethane	1.76	101	37658	2.338	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	414258	45.525	ug/L	95
12) 1,1-Dichloroethene	2.14	96	5768219	662.074	ug/L #	59
14) Carbon disulfide	2.32	76	34939	1.215	ug/L	99
16) Methylene chloride	2.52	84	13022383	1249.148	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	1189760	123.569	ug/L	98
19) 1,1-Dichloroethane	3.23	63	20154965	1086.826	ug/L	94
22) cis-1,2-Dichloroethene	3.94	96	73499985m	7292.304	ug/L	
25) Chloroform	4.42	83	95615	4.682	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	50302740m	2961.656	ug/L	
30) Cyclohexane	4.75	56	1264980	74.322	ug/L	92
33) Benzene	5.14	78	7048999	181.908	ug/L	100
34) Trichloroethene	5.95	95	2319214	209.690	ug/L	96

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35) Methylcyclohexane	6.17	83	1636653	97.825	ug/L	98
40) 4-Methyl-2-pentanone	7.30	43	2661878	433.799	ug/L	98
42) Toluene	7.41	91	51235301m	1247.383	ug/L	
49) Tetrachloroethene	8.01	164	197367	25.574	ug/L	99
53) Chlorobenzene	8.91	112	36266	1.373	ug/L	90
54) Ethylbenzene	9.04	91	24424410m	522.945	ug/L	
55) m,p-xylene	9.19	106	24190300m	1398.782	ug/L	
56) o-xylene	9.59	106	11725959	709.208	ug/L #	48
57) Styrene	9.60	104	5503531	199.005	ug/L	83
58) Isopropylbenzene	9.96	105	1029641	22.667	ug/L	99
63) 1,3-Dichlorobenzene	11.21	146	9857	0.463	ug/L	95
64) 1,4-Dichlorobenzene	11.30	146	91725	4.286	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	546100	28.323	ug/L	97

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

