

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052220\
 Data File : VV016186.D
 Acq On : 22 May 2020 21:14
 Operator : SY/MD
 Sample : L2756-05MS
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETKW8MS

Manual Integrations
 APPROVED

MMDadoda
 5/26/2020 9:35:25 AM

Quant Time: May 25 02:12:12 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	165512	5.00	ug/L	0.02
28) Chlorobenzene-d5	8.88	117	153931	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.28	152	78796	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	55239	6.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	123.00%
7) Chloroethane-d5	1.58	69	40959	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.20%
11) 1,1-Dichloroethene-d2	2.14	63	3666268	189.88	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	3797.60%#
20) 2-Butanone-d5	4.05	46	50003	19.52	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	39.04%#
24) Chloroform-d	4.40	84	99880	5.09	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.08	65	46009	4.09	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
32) Benzene-d6	5.10	84	191641	5.23	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.60%
36) 1,2-Dichloropropane-d6	6.11	67	58144	5.20	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.00%
41) Toluene-d8	7.36	98	204162m	5.90	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.00%
45) trans-1,3-Dichloropropene-	7.66	79	21421	4.88	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.60%
48) 2-Hexanone-d5	8.13	63	93184	48.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.68%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	37457	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	64829	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	1380	0.109	ug/L	98
3) Chloromethane	1.24	50	1703	0.133	ug/L	95
5) Vinyl chloride	1.32	62	1122917	91.454	ug/L	100
8) Chloroethane	1.60	64	18380	2.101	ug/L	92
9) Trichlorofluoromethane	1.77	101	41668	2.474	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	435987	45.830	ug/L	98
12) 1,1-Dichloroethene	2.14	96	6213821	682.211	ug/L #	58
14) Carbon disulfide	2.32	76	31243	1.039	ug/L	99
16) Methylene chloride	2.52	84	13287605	1219.173	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	1028720	102.198	ug/L	99
19) 1,1-Dichloroethane	3.23	63	21241000	1095.590	ug/L	94
22) cis-1,2-Dichloroethene	3.94	96	74293374m	7050.549	ug/L	
25) Chloroform	4.42	83	99447	4.658	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	50929301m	3000.260	ug/L	
30) Cyclohexane	4.75	56	1391413	81.797	ug/L	92
33) Benzene	5.14	78	7681656	198.348	ug/L	100
34) Trichloroethene	5.95	95	2501290	226.282	ug/L	95

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35) Methylcyclohexane	6.17	83	1778662	106.374	ug/L	99
40) 4-Methyl-2-pentanone	7.30	43	2780675	453.418	ug/L	97
42) Toluene	7.41	91	51665781m	1258.583	ug/L	
47) 1,1,2-Trichloroethane	7.87	97	60369	9.188	ug/L	96
49) Tetrachloroethene	8.01	164	219909	28.512	ug/L	99
50) 2-Hexanone	8.18	43	130392	30.066	ug/L #	89
53) Chlorobenzene	8.91	112	180250	6.827	ug/L	99
54) Ethylbenzene	9.04	91	24588211m	526.753	ug/L	
55) m,p-xylene	9.19	106	24454413m	1414.863	ug/L	
56) o-xylene	9.59	106	11846290	716.896	ug/L #	47
57) Styrene	9.60	104	5579361	201.862	ug/L	83
58) Isopropylbenzene	9.96	105	1065884	23.479	ug/L	99
63) 1,3-Dichlorobenzene	11.21	146	10095	0.476	ug/L	89
64) 1,4-Dichlorobenzene	11.30	146	96241	4.512	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	563125	29.309	ug/L	96

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

