

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017037.D
 Acq On : 22 Jun 2020 23:21
 Operator : SY/MD
 Sample : L3067-19
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXH6

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 8:57:45 AM

Quant Time: Jun 23 06:51:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 04:53:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	185719	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	179133	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	91044	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	45373	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.58	69	34532	4.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.20%
11) 1,1-Dichloroethene-d2	2.13	63	1357676	64.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	1280.00%#
20) 2-Butanone-d5	3.96	46	112952m	39.76	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.52%
24) Chloroform-d	4.38	84	113398	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.06	65	61253	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.08	84	220364	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.10	67	65579	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.34	98	208637	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
45) trans-1,3-Dichloropropene-	7.64	79	27298	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
48) 2-Hexanone-d5	8.12	63	94752	42.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.84%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	47284	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	83014	4.93	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	220881	18.125	ug/L	100
8) Chloroethane	1.59	64	306166	45.459	ug/L	99
12) 1,1-Dichloroethene	2.13	96	2194924	246.253	ug/L #	65
14) Carbon disulfide	2.31	76	8952	0.335	ug/L	97
16) Methylene chloride	2.52	84	7692	0.806	ug/L	84
18) trans-1,2-Dichloroethene	2.78	96	26601	2.816	ug/L	92
19) 1,1-Dichloroethane	3.20	63	25226720m	1188.693	ug/L	
22) cis-1,2-Dichloroethene	3.94	96	292457	22.643	ug/L	99
25) Chloroform	4.41	83	12198	0.526	ug/L	97
27) 1,2-Dichloroethane	5.16	62	42574	2.956	ug/L	97
29) 1,1,1-Trichloroethane	4.63	97	50610471m	2358.212	ug/L	
33) Benzene	5.13	78	64562	1.376	ug/L	100
34) Trichloroethene	5.94	95	41365	3.011	ug/L	99
35) Methylcyclohexane	6.15	83	8466	0.396	ug/L	96
37) 1,2-Dichloropropane	6.20	63	3009	0.259	ug/L #	84
42) Toluene	7.41	91	162620	2.982	ug/L	98
47) 1,1,2-Trichloroethane	7.86	97	26809	3.255	ug/L	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062320\
 Data File : VV017037.D
 Acq On : 22 Jun 2020 23:21
 Operator : SY/MD
 Sample : L3067-19
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXH6

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 8:57:45 AM

Quant Time: Jun 23 06:51:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 23 04:53:49 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
49) Tetrachloroethene	8.00	164	24428	2.209	ug/L	97
53) Chlorobenzene	8.90	112	416574	12.252	ug/L	98
54) Ethylbenzene	9.04	91	25715	0.442	ug/L	99
55) m,p-xylene	9.16	106	18496	0.810	ug/L	100
56) o-xylene	9.57	106	25487	1.196	ug/L	98
58) Isopropylbenzene	9.95	105	19491	0.332	ug/L #	94
60) 1,1,2,2-Tetrachloroethane	10.26	83	10442	1.226	ug/L	98
63) 1,3-Dichlorobenzene	11.21	146	13794	0.503	ug/L	93
64) 1,4-Dichlorobenzene	11.29	146	46967	1.686	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	200241	8.050	ug/L	99

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

