

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062420\
 Data File : VV017080.D
 Acq On : 24 Jun 2020 18:41
 Operator : SY/MD
 Sample : L3105-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFXK7

Manual Integrations
 APPROVED

MMDadoda
 6/25/2020 3:37:59 PM

Quant Time: Jun 25 02:45:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 25 01:16:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	177952	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	175242	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	83980	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	46504	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.58	69	32951	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.13	63	77771	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	3.93	46	123304	45.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.60%
24) Chloroform-d	4.38	84	100434	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.06	65	54611	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
32) Benzene-d6	5.08	84	192457	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.60%
36) 1,2-Dichloropropane-d6	6.10	67	57831	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	7.34	98	171902	4.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.60%
45) trans-1,3-Dichloropropene-	7.64	79	23120	4.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.60%
48) 2-Hexanone-d5	8.11	63	88948	41.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.36%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	40426	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	72337	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	1178032	100.884	ug/L	100
8) Chloroethane	1.60	64	1526m	0.236	ug/L	
12) 1,1-Dichloroethene	2.14	96	28919	3.386	ug/L	88
13) Acetone	2.20	43	11930m	8.670	ug/L	
18) trans-1,2-Dichloroethene	2.78	96	21380	2.362	ug/L	97
19) 1,1-Dichloroethane	3.21	63	605222	29.763	ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	642307	51.899	ug/L #	98
25) Chloroform	4.40	83	22568	1.016	ug/L	96
27) 1,2-Dichloroethane	5.16	62	22062	1.599	ug/L #	95
29) 1,1,1-Trichloroethane	4.64	97	161396	7.687	ug/L	97
30) Cyclohexane	4.70	56	71483	3.578	ug/L	99
33) Benzene	5.13	78	139194	3.033	ug/L	100
34) Trichloroethene	5.94	95	14455	1.076	ug/L	92
42) Toluene	7.42	91	4207	0.079	ug/L	93
47) 1,1,2-Trichloroethane	7.87	97	20617	2.559	ug/L	96
53) Chlorobenzene	8.90	112	470292	14.139	ug/L	98
56) o-xylene	9.57	106	44717	2.145	ug/L	99

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58) Isopropylbenzene	9.95	105	25503	0.445	ug/L	98
63) 1,3-Dichlorobenzene	11.21	146	32908	1.302	ug/L	98
64) 1,4-Dichlorobenzene	11.30	146	66975	2.606	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	30745	1.340	ug/L	98
69) 1,2,4-trichlorobenzene	13.29	180	5630	0.337	ug/L	94
71) 1,2,3-Trichlorobenzene	13.77	180	2074	0.152	ug/L	95

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

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