

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VO081420\
 Data File : VX017897.D
 Acq On : 14 Aug 2020 14:04
 Operator : JC/SP
 Sample : L3697-02
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG0M9

Manual Integrations
 APPROVED

MMDadoda
 8/17/2020 8:09:10 AM

Quant Time: Aug 17 03:08:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Aug 17 01:26:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	292051	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	267608	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	147571	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	94157	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.69	69	77943	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.34	63	146103	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	4.54	46	238717	44.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.08%
24) Chloroform-d	5.14	84	188317	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	6.04	65	105098	4.67	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	6.06	84	367017	5.00	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	7.37	67	110172	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	8.70	98	339374	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
45) trans-1,3-Dichloropropene-	8.99	79	46517	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
48) 2-Hexanone-d5	9.43	63	194771	47.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.30%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	85302	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	143141	5.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.31	50	3126	0.113	ug/L #	72
5) Vinyl chloride	1.39	62	172073	6.256	ug/L	93
8) Chloroethane	1.72	64	416924	27.098	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	4737	0.196	ug/L #	82
13) Acetone	2.44	43	151033	38.571	ug/L	98
14) Carbon disulfide	2.55	76	23827	0.296	ug/L	96
18) trans-1,2-Dichloroethene	3.14	96	7408	0.292	ug/L	85
19) 1,1-Dichloroethane	3.67	63	90953	2.007	ug/L	97
21) 2-Butanone	4.65	43	44790	6.623	ug/L	99
22) cis-1,2-Dichloroethene	4.56	96	803139	30.133	ug/L #	98
29) 1,1,1-Trichloroethane	5.47	97	5335	0.122	ug/L #	77
30) Cyclohexane	5.55	56	110446	2.900	ug/L	97
33) Benzene	6.10	78	34289358m	361.935	ug/L	
35) Methylcyclohexane	7.44	83	116967	3.009	ug/L	97
40) 4-Methyl-2-pentanone	8.63	43	99705	6.428	ug/L	99
42) Toluene	8.76	91	26627648m	258.913	ug/L	
49) Tetrachloroethene	9.32	164	3750	0.169	ug/L	95

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53) Chlorobenzene	10.12	112	8334839	124.509	ug/L	96
54) Ethylbenzene	10.24	91	12735144	113.469	ug/L	83
55) m,p-xylene	10.35	106	12743990m	297.378	ug/L	
56) o-xylene	10.68	106	4022861	96.820	ug/L	96
58) Isopropylbenzene	11.01	105	2498319	22.463	ug/L	99
63) 1,3-Dichlorobenzene	12.01	146	73015	1.270	ug/L	95
64) 1,4-Dichlorobenzene	12.08	146	418683	7.323	ug/L	96
66) 1,2-Dichlorobenzene	12.38	146	539840	10.113	ug/L	98
69) 1,2,4-trichlorobenzene	13.63	180	6869	0.183	ug/L #	74

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

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