

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071420\
 Data File : VV017482.D
 Acq On : 14 Jul 2020 14:29
 Operator : SY/MD
 Sample : L3281-23
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GAXY3

Quant Time: Jul 15 03:37:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 02:49:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	148133	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	142145	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	74690	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	38455	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.58	69	31000	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.13	63	78216	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.00%
20) 2-Butanone-d5	3.96	46	84244	47.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.30%
24) Chloroform-d	4.38	84	84622	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	5.06	65	49356	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.08	84	156198	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.10	67	42813	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.34	98	143846	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
45) trans-1,3-Dichloropropene-	7.65	79	20753	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
48) 2-Hexanone-d5	8.12	63	66263	50.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.42%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	29716	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	61703	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

					Ovalue
3) Chloromethane	1.25	50	36660	3.068	ug/L 100
6) Bromomethane	1.53	94	23663	3.279	ug/L 96
9) Trichlorofluoromethane	1.77	101	144636	6.616	ug/L 99
12) 1,1-Dichloroethene	2.14	96	27848	3.125	ug/L 90
13) Acetone	2.23	43	96088	74.857	ug/L 88
14) Carbon disulfide	2.31	76	122520	4.441	ug/L 100
16) Methylene chloride	2.53	84	20280	1.889	ug/L 93
17) Methyl tert-butyl Ether	2.79	73	179365	8.099	ug/L 97
19) 1,1-Dichloroethane	3.21	63	149358	8.087	ug/L 98
21) 2-Butanone	4.04	43	206871	104.262	ug/L # 42
27) 1,2-Dichloroethane	5.16	62	90248	6.923	ug/L 100
29) 1,1,1-Trichloroethane	4.64	97	154023	7.663	ug/L 96
30) Cyclohexane	4.70	56	155221	10.145	ug/L 98
34) Trichloroethene	5.94	95	52864	4.578	ug/L 97
35) Methylcyclohexane	6.15	83	99716	5.868	ug/L 98
37) 1,2-Dichloropropane	6.20	63	16980	1.939	ug/L 97
42) Toluene	7.41	91	334406	8.007	ug/L 99

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49) Tetrachloroethene	8.00	164	76875	7.822	ug/L	96
50) 2-Hexanone	8.16	43	174701	51.382	ug/L	99
52) 1,2-Dibromoethane	8.38	107	92290	14.401	ug/L	98
53) Chlorobenzene	8.90	112	280277	10.019	ug/L	99
54) Ethylbenzene	9.03	91	289462	6.056	ug/L	99
55) m,p-xylene	9.16	106	227187	12.569	ug/L	98
56) o-xylene	9.57	106	88713	5.074	ug/L	96
57) Styrene	9.58	104	150971	5.131	ug/L	99
58) Isopropylbenzene	9.95	105	150588	3.042	ug/L	99
62) Bromoform	9.75	173	23461	4.884	ug/L	98
64) 1,4-Dichlorobenzene	11.30	146	96564	4.189	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	246628	11.719	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	4794	3.698	ug/L	90
71) 1,2,3-Trichlorobenzene	13.77	180	138364	10.344	ug/L	99

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

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