

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033120\
 Data File : VU037501.D
 Acq On : 31 Mar 2020 16:08
 Operator : JC/MD
 Sample : L2002-21
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAWJ3

Quant Time: Apr 01 01:38:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR033120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 01 01:25:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	93295	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	88055	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	43582	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	31646	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.93	69	27051	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.59	63	65535	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.40%
20) 2-Butanone-d5	4.69	46	104166	49.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.26%
24) Chloroform-d	5.11	84	62829	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.74	65	33818	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.76	84	122530	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.73	67	41914	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.92	98	112200	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	8.20	79	17946	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	8.66	63	85965	49.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.44%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	33728	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	12.21	152	38621	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	17155	2.431	ug/L	99
3) Chloromethane	1.53	50	46353	6.548	ug/L	98
5) Vinyl chloride	1.62	62	36725	4.808	ug/L	97
6) Bromomethane	1.87	94	18848	4.852	ug/L	94
8) Chloroethane	1.95	64	19437	4.440	ug/L	100
9) Trichlorofluoromethane	2.16	101	93982	8.843	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	26162	4.256	ug/L	98
12) 1,1-Dichloroethene	2.60	96	33967	5.432	ug/L	97
16) Methylene chloride	3.08	84	22012	3.154	ug/L	94
17) Methyl tert-butyl Ether	3.40	73	88249	5.110	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	41345	6.327	ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	44021	6.059	ug/L	93
23) Bromochloromethane	5.02	128	5686	1.897	ug/L	98
25) Chloroform	5.13	83	54910	4.397	ug/L	96
27) 1,2-Dichloroethane	5.83	62	39105	4.627	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	54641	4.891	ug/L	100
31) Carbon tetrachloride	5.56	117	44571	4.841	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
34) Trichloroethene	6.57	95	57397	7.859	ug/L	97
37) 1,2-Dichloropropane	6.82	63	34976	4.811	ug/L	100
38) Bromodichloromethane	7.14	83	19113	1.989	ug/L	93
39) cis-1,3-Dichloropropene	7.64	75	19932	1.764	ug/L	94
42) Toluene	8.00	91	85034	2.941	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	39768	7.668	ug/L	98
47) Tetrachloroethene	8.58	164	22847	4.767	ug/L	92
49) Dibromochloromethane	8.83	129	34887	5.495	ug/L	91
52) Ethylbenzene	9.59	91	325156	9.678	ug/L	99
54) o-Xylene	10.12	106	36050	3.045	ug/L	98
55) Styrene	10.13	104	62536	3.034	ug/L	98
56) Isopropylbenzene	10.50	105	219050	6.855	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.80	83	31890	4.527	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	27282	1.896	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	26140	1.930	ug/L	98

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

