

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037418.D
 Acq On : 28 Mar 2020 15:43
 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: Mar 30 00:46:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 30 00:15:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	156817	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	149840	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	78007	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	35642	3.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	61.60%
7) Chloroethane-d5	1.93	69	28193	3.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.00%
11) 1,1-Dichloroethene-d2	2.59	63	84303	3.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.60%
20) 2-Butanone-d5	4.68	46	104128	33.00	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	66.00%
24) Chloroform-d	5.11	84	71658	3.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.60%#
26) 1,2-Dichloroethane-d4	5.74	65	39494	3.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.80%#
32) Benzene-d6	5.76	84	137734	3.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.60%#
36) 1,2-Dichloropropane-d6	6.73	67	45065	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	63.00%
41) Toluene-d8	7.93	98	125740	3.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.20%#
43) trans-1,3-Dichloropropene-	8.20	79	20768	3.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.60%
46) 2-Hexanone-d5	8.66	63	89261	33.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.64%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	37872	3.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	63.00%#
64) 1,2-Dichlorobenzene-d4	12.21	152	46947	3.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	61.20%#

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	30537	2.321	ug/L 98
3) Chloromethane	1.53	50	72511	6.217	ug/L 99
5) Vinyl chloride	1.62	62	56044	4.565	ug/L 99
6) Bromomethane	1.87	94	31936	4.616	ug/L 95
8) Chloroethane	1.95	64	27707	4.046	ug/L 95
9) Trichlorofluoromethane	2.16	101	141704	8.622	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	42480	4.242	ug/L 97
12) 1,1-Dichloroethene	2.60	96	54104	5.246	ug/L 84
16) Methylene chloride	3.08	84	34640	3.005	ug/L 95
17) Methyl tert-butyl Ether	3.40	73	141870	5.055	ug/L 99
18) trans-1,2-Dichloroethene	3.39	96	65878	6.108	ug/L 97
22) cis-1,2-Dichloroethene	4.71	96	70364	5.822	ug/L 99
23) Bromochloromethane	5.02	128	10080	1.888	ug/L 99
25) Chloroform	5.13	83	92283	4.352	ug/L 99
27) 1,2-Dichloroethane	5.83	62	65006	4.589	ug/L 98
29) 1,1,1-Trichloroethane	5.36	97	90820	4.822	ug/L 98
31) Carbon tetrachloride	5.56	117	78890	4.851	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

34) Trichloroethene	6.57	95	95441	7.552	ug/L	96
37) 1,2-Dichloropropane	6.83	63	55314	4.822	ug/L	98
38) Bromodichloromethane	7.14	83	31707	2.021	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	33475	1.790	ug/L	99
42) Toluene	8.00	91	138024	2.886	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	63487	7.400	ug/L	93
47) Tetrachloroethene	8.58	164	42324	4.862	ug/L	97
49) Dibromochloromethane	8.83	129	60572	5.721	ug/L	100
52) Ethylbenzene	9.59	91	527351	9.609	ug/L	100
54) o-Xylene	10.12	106	59321	2.931	ug/L	95
55) Styrene	10.13	104	102466	2.963	ug/L	99
56) Isopropylbenzene	10.50	105	366097	6.790	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.80	83	48880	4.463	ug/L	95
62) 1,3-Dichlorobenzene	11.76	146	48706	1.942	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	46463	1.919	ug/L	99

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

