

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U112519\
 Data File : VU035827.D
 Acq On : 25 Nov 2019 16:23
 Operator : JC/SP
 Sample : K5992-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GARF8

Quant Time: Nov 26 01:22:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 26 01:03:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	259451	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	290741	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	157544	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	139770	4.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.40%
7) Chloroethane-d5	1.93	69	132654	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.40%
11) 1,1-Dichloroethene-d2	2.59	63	265121	4.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.20%
20) 2-Butanone-d5	4.70	46	461080	58.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.56%
24) Chloroform-d	5.11	84	278892	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.75	65	150708	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	5.77	84	506216	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.73	67	178215	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.93	98	419575	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	8.21	79	65373	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.68	63	357723	61.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.38%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	159425	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	12.22	152	155970	4.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.39	85	81869	2.329	ug/L	98
3) Chloromethane	1.54	50	281768	6.510	ug/L	100
5) Vinyl chloride	1.62	62	214810	4.958	ug/L	96
6) Bromomethane	1.87	94	114311	5.134	ug/L	97
8) Chloroethane	1.95	64	119605	4.771	ug/L	94
9) Trichlorofluoromethane	2.16	101	461297	9.169	ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	122870	4.300	ug/L	95
12) 1,1-Dichloroethene	2.60	96	152077	5.633	ug/L	91
13) Acetone	2.69	43	15902	2.308	ug/L	99
16) Methylene chloride	3.08	84	106550	3.267	ug/L	94
17) Methyl tert-butyl Ether	3.42	73	342136	5.238	ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	177703	6.685	ug/L	97
22) cis-1,2-Dichloroethene	4.72	96	187937	6.344	ug/L	94
23) Bromochloromethane	5.02	128	27719	2.148	ug/L	95
25) Chloroform	5.13	83	264901	4.558	ug/L	98
27) 1,2-Dichloroethane	5.84	62	191389	5.007	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	247589	5.274	ug/L	98

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31) Carbon tetrachloride	5.57	117	211592	5.204	ug/L	100
34) Trichloroethene	6.58	95	249498	8.385	ug/L	98
37) 1,2-Dichloropropane	6.83	63	172018	4.998	ug/L	99
38) Bromodichloromethane	7.14	83	83719	2.029	ug/L	100
39) cis-1,3-Dichloropropene	7.64	75	81755	1.835	ug/L	100
42) Toluene	8.00	91	372937	2.954	ug/L	97
45) 1,1,2-Trichloroethane	8.43	97	188063	8.385	ug/L	98
47) Tetrachloroethene	8.58	164	118866	5.250	ug/L	99
49) Dibromochloromethane	8.84	129	157488	5.952	ug/L	100
52) Ethylbenzene	9.60	91	1341258	10.275	ug/L	99
54) o-Xylene	10.13	106	131643	2.945	ug/L	95
55) Styrene	10.14	104	230822	3.113	ug/L	98
56) Isopropylbenzene	10.51	105	892316	7.557	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.81	83	149275	4.810	ug/L	98
62) 1,3-Dichlorobenzene	11.77	146	114667	2.028	ug/L	97
65) 1,2-Dichlorobenzene	12.24	146	107157	1.986	ug/L	98

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

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