

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U102419\
 Data File : VU035477.D
 Acq On : 24 Oct 2019 22:40
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00517

Quant Time: Oct 25 07:10:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 25 07:04:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	214552	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	218567	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	96727	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.62	65	69034	5.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.60%
7) Chloroethane-d5	1.93	69	67539	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.00%
11) 1,1-Dichloroethene-d2	2.60	63	136646	5.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.00%
20) 2-Butanone-d5	4.70	46	209469	55.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.44%
24) Chloroform-d	5.11	84	139366	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.60%
26) 1,2-Dichloroethane-d4	5.75	65	77086	5.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.40%
32) Benzene-d6	5.77	84	253238	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
36) 1,2-Dichloropropane-d6	6.74	67	88126	5.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.00%
41) Toluene-d8	7.93	98	231972	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	8.21	79	31773	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	8.68	63	147988	43.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.14%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	79665	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.60%
64) 1,2-Dichlorobenzene-d4	12.22	152	79407	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.40	85	103530	5.670 ug/L	99
3) Chloromethane	1.54	50	110085	6.078 ug/L	98
5) Vinyl chloride	1.62	62	110984	5.966 ug/L	97
6) Bromomethane	1.88	94	66434	6.049 ug/L	95
8) Chloroethane	1.95	64	69941	5.831 ug/L	97
9) Trichlorofluoromethane	2.16	101	141962	5.716 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	80246	5.608 ug/L	91
12) 1,1-Dichloroethene	2.61	96	72329	5.248 ug/L	88
13) Acetone	2.67	43	158436	60.585 ug/L	99
14) Carbon disulfide	2.82	76	227778	5.226 ug/L	98
15) Methyl Acetate	3.00	43	36531	5.606 ug/L	99
16) Methylene chloride	3.08	84	93269	5.625 ug/L	96
17) Methyl tert-butyl Ether	3.43	73	186203	5.019 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	77817	5.231 ug/L	94
19) 1,1-Dichloroethane	3.92	63	165583	6.155 ug/L	99
21) 2-Butanone	4.78	43	230188	54.005 ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	87954	5.349 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.03	128	39727	5.613	ug/L	90
25) Chloroform	5.14	83	174469	5.911	ug/L	98
27) 1,2-Dichloroethane	5.84	62	105463	5.826	ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	136275	5.323	ug/L	97
30) Cyclohexane	5.43	56	121817	4.443	ug/L	97
31) Carbon tetrachloride	5.57	117	118156	5.125	ug/L	99
33) Benzene	5.82	78	351828	5.471	ug/L	100
34) Trichloroethene	6.58	95	85436	4.942	ug/L	97
35) Methylcyclohexane	6.80	83	122055	4.224	ug/L	93
37) 1,2-Dichloropropane	6.83	63	94310	5.777	ug/L	99
38) Bromodichloromethane	7.15	83	119374	5.428	ug/L	99
39) cis-1,3-Dichloropropene	7.65	75	121806	4.458	ug/L	99
40) 4-Methyl-2-pentanone	7.84	43	556944	50.535	ug/L	96
42) Toluene	8.01	91	363652	5.123	ug/L	99
44) trans-1,3-Dichloropropene	8.25	75	103396	4.630	ug/L	97
45) 1,1,2-Trichloroethane	8.44	97	64196	5.297	ug/L	98
47) Tetrachloroethene	8.58	164	65727	4.563	ug/L	100
48) 2-Hexanone	8.73	43	404930	52.391	ug/L	94
49) Dibromochloromethane	8.84	129	77531	5.046	ug/L	97
50) 1,2-Dibromoethane	8.96	107	61539	5.079	ug/L	98
51) Chlorobenzene	9.48	112	225926	4.929	ug/L	98
52) Ethylbenzene	9.60	91	366917	4.545	ug/L	98
53) m,p-Xylene	9.72	106	134055	4.398	ug/L	98
54) o-Xylene	10.13	106	134025	4.505	ug/L	100
55) Styrene	10.14	104	226763	4.682	ug/L	98
56) Isopropylbenzene	10.51	105	350331	4.378	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.81	83	87384	5.602	ug/L	98
59) 1,2,3-Trichloropropane	10.85	75	60835	5.348	ug/L	100
61) Bromoform	10.32	173	44411	4.957	ug/L	99
62) 1,3-Dichlorobenzene	11.77	146	154906	4.693	ug/L	98
63) 1,4-Dichlorobenzene	11.86	146	150644	4.642	ug/L	99
65) 1,2-Dichlorobenzene	12.24	146	150025	4.838	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	10088	4.606	ug/L	88
67) 1,3,5-Trichlorobenzene	13.24	180	75622	3.697	ug/L	98
68) 1,2,4-trichlorobenzene	13.86	180	43858	3.221	ug/L	98
69) Naphthalene	14.11	128	55591	2.974	ug/L	99
70) 1,2,3-Trichlorobenzene	14.35	180	46265	3.634	ug/L	99

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

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