

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111518\
 Data File : VU028160.D
 Acq On : 15 Nov 2018 09:30
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00509

Quant Time: Nov 16 00:42:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Nov 15 06:14:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	133535	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	125548	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	61235	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	45728	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.68	69	38592	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.28	63	93865	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.80%
20) 2-Butanone-d5	4.19	46	160327	49.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.78%
24) Chloroform-d	4.65	84	86572	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.31	65	48197	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	5.34	84	170698	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.33	67	63410	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.57	98	151799	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.85	79	20677	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.31	63	125260	47.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.38%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	44141	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	54620	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	57059	4.84	ug/L	98
3) Chloromethane	1.33	50	71151	4.73	ug/L	95
5) Vinyl chloride	1.40	62	67334	4.71	ug/L	98
6) Bromomethane	1.63	94	34997	5.11	ug/L	97
8) Chloroethane	1.70	64	40063	4.65	ug/L	97
9) Trichlorofluoromethane	1.89	101	77690	4.98	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	43498	4.97	ug/L	96
12) 1,1-Dichloroethene	2.29	96	41480	4.67	ug/L	93
13) Acetone	2.33	43	106735	49.31	ug/L	95
14) Carbon disulfide	2.48	76	139697	4.69	ug/L	100
15) Methyl Acetate	2.62	43	26422	4.56	ug/L	99
16) Methylene chloride	2.70	84	48612	4.63	ug/L	97
17) Methyl tert-butyl Ether	3.01	73	114060	4.59	ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	44077	4.67	ug/L	99
19) 1,1-Dichloroethane	3.45	63	99067	4.99	ug/L	97
21) 2-Butanone	4.28	43	170693	49.97	ug/L	98
22) cis-1,2-Dichloroethene	4.23	96	51615	4.96	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.55	128	18980	4.62	ug/L	94
25) Chloroform	4.68	83	91054	5.11	ug/L	99
27) 1,2-Dichloroethane	5.41	62	59689	5.10	ug/L	97
29) 1,1,1-Trichloroethane	4.92	97	69502	4.89	ug/L	97
30) Cyclohexane	4.99	56	96847	4.86	ug/L	99
31) Carbon tetrachloride	5.13	117	59219	5.02	ug/L	98
33) Benzene	5.39	78	211252	4.99	ug/L	100
34) Trichloroethene	6.19	95	52398	5.01	ug/L	98
35) Methylcyclohexane	6.41	83	85799	4.77	ug/L	96
37) 1,2-Dichloropropane	6.43	63	59368	5.08	ug/L	100
38) Bromodichloromethane	6.76	83	60132	4.83	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	76804	4.86	ug/L	97
40) 4-Methyl-2-pentanone	7.47	43	406356	50.45	ug/L	97
42) Toluene	7.64	91	213677	4.90	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	57719	4.66	ug/L	96
45) 1,1,2-Trichloroethane	8.07	97	33275	4.71	ug/L	96
47) Tetrachloroethene	8.22	164	36323	4.27	ug/L	96
48) 2-Hexanone	8.37	43	291374	50.84	ug/L	98
49) Dibromochloromethane	8.48	129	36208	4.82	ug/L	100
50) 1,2-Dibromoethane	8.59	107	30869	4.64	ug/L	98
51) Chlorobenzene	9.12	112	123859	4.86	ug/L	96
52) Ethylbenzene	9.25	91	236015	4.96	ug/L	98
53) m,p-xylene	9.38	106	84359	4.86	ug/L	95
54) o-xylene	9.78	106	81355	4.87	ug/L	96
55) Styrene	9.79	104	141721	5.02	ug/L	100
56) Isopropylbenzene	10.17	105	220624	4.89	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	43943	4.83	ug/L	96
59) 1,2,3-Trichloropropane	10.49	75	32313	4.92	ug/L	98
61) Bromoform	9.96	173	18238	4.40	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	96230	4.97	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	95852	4.89	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	87884	4.75	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	6131	4.56	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	78364	5.28	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	67349	5.20	ug/L	99
69) Naphthalene	13.75	128	117353	4.86	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	59332	4.97	ug/L	99

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

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