

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110620\
 Data File : VU041131.D
 Acq On : 06 Nov 2020 22:27
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00520

Quant Time: Nov 06 23:14:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 06 23:04:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	66223	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68449	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37246	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	20073	3.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.20%
7) Chloroethane-d5	1.92	69	17994	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.20%
11) 1,1-Dichloroethene-d2	2.58	63	43544	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.80%
20) 2-Butanone-d5	4.65	46	89004	48.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.16%
24) Chloroform-d	5.08	84	49782	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	5.72	65	29085	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
32) Benzene-d6	5.74	84	86742	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.70	67	29669	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.90	98	83288	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	8.19	79	11712	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
46) 2-Hexanone-d5	8.64	63	67358	48.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.84%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	27093	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
64) 1,2-Dichlorobenzene-d4	12.19	152	31320	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	25912	4.286	ug/L 97
3) Chloromethane	1.52	50	26427	4.192	ug/L 99
5) Vinyl chloride	1.61	62	26695	4.292	ug/L 98
6) Bromomethane	1.86	94	15464	4.338	ug/L 96
8) Chloroethane	1.94	64	15786	4.006	ug/L 98
9) Trichlorofluoromethane	2.15	101	39582	4.682	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	22324	4.506	ug/L 95
12) 1,1-Dichloroethene	2.59	96	19818	4.237	ug/L 99
13) Acetone	2.66	43	53655	42.836	ug/L # 56
14) Carbon disulfide	2.81	76	59751	3.822	ug/L 98
15) Methyl Acetate	2.97	43	12609	4.399	ug/L 96
16) Methylene chloride	3.06	84	33671	6.177	ug/L 95
17) Methyl tert-butyl Ether	3.38	73	53567	4.449	ug/L 100
18) trans-1,2-Dichloroethene	3.37	96	20990	4.415	ug/L 95
19) 1,1-Dichloroethane	3.89	63	44296	4.661	ug/L 97
21) 2-Butanone	4.73	43	86625	44.249	ug/L 99
22) cis-1,2-Dichloroethene	4.68	96	23302	4.752	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.00	128	11127	4.810	ug/L	93
25) Chloroform	5.11	83	47363	4.969	ug/L	99
27) 1,2-Dichloroethane	5.81	62	33947	4.782	ug/L	96
29) 1,1,1-Trichloroethane	5.33	97	39350	4.701	ug/L	96
30) Cyclohexane	5.40	56	33723	4.089	ug/L	99
31) Carbon tetrachloride	5.54	117	35000	4.722	ug/L	98
33) Benzene	5.79	78	93368	4.565	ug/L	100
34) Trichloroethene	6.55	95	24772	4.759	ug/L	95
35) Methylcyclohexane	6.77	83	31623	4.073	ug/L	99
37) 1,2-Dichloropropane	6.80	63	26295	4.751	ug/L	98
38) Bromodichloromethane	7.11	83	34280	4.775	ug/L	94
39) cis-1,3-Dichloropropene	7.62	75	33494	4.396	ug/L	99
40) 4-Methyl-2-pentanone	7.80	43	200460	45.430	ug/L	99
42) Toluene	7.98	91	98246	4.737	ug/L	98
44) trans-1,3-Dichloropropene	8.22	75	32494	4.557	ug/L	99
45) 1,1,2-Trichloroethane	8.41	97	19470	4.726	ug/L	92
47) Tetrachloroethene	8.56	164	17885	4.673	ug/L	94
48) 2-Hexanone	8.69	43	153351	46.156	ug/L	98
49) Dibromochloromethane	8.81	129	23290	4.868	ug/L	96
50) 1,2-Dibromoethane	8.93	107	18100	4.611	ug/L	98
51) Chlorobenzene	9.45	112	62669	4.765	ug/L	98
52) Ethylbenzene	9.57	91	100853	4.620	ug/L	99
53) m,p-Xylene	9.70	106	38438	4.828	ug/L	95
54) o-Xylene	10.10	106	36746	4.956	ug/L	98
55) Styrene	10.11	104	65211	4.936	ug/L	97
56) Isopropylbenzene	10.48	105	100339	5.032	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	24582	4.543	ug/L	98
59) 1,2,3-Trichloropropane	10.82	75	19212	4.658	ug/L	99
61) Bromoform	10.29	173	13196	4.597	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	51210	4.763	ug/L	98
63) 1,4-Dichlorobenzene	11.83	146	51563	4.631	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	49747	4.689	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.99	75	4518	4.345	ug/L	91
67) 1,3,5-Trichlorobenzene	13.21	180	35311	4.696	ug/L	99
68) 1,2,4-trichlorobenzene	13.83	180	29263	4.698	ug/L	97
69) Naphthalene	14.08	128	46450	4.170	ug/L	100
70) 1,2,3-Trichlorobenzene	14.32	180	27900	4.860	ug/L	97

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

