

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU040220\
 Data File : VU037546.D
 Acq On : 02 Apr 2020 10:25
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00527

Quant Time: Apr 03 00:55:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR040120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 02 13:38:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	113057	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	106147	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	53166	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	37721	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.93	69	29635	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.59	63	68636	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	4.67	46	113930	44.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.66%
24) Chloroform-d	5.10	84	70113	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.74	65	37664	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
32) Benzene-d6	5.76	84	132680	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	6.72	67	44298	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.40%
41) Toluene-d8	7.93	98	124763	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	8.20	79	21081	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	8.66	63	103850	44.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.70%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	38749	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	12.21	152	44969	4.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	39175	4.483	ug/L 99
3) Chloromethane	1.53	50	41229	4.555	ug/L 95
5) Vinyl chloride	1.62	62	42349	4.626	ug/L 99
6) Bromomethane	1.87	94	20117	4.594	ug/L 100
8) Chloroethane	1.95	64	23384	4.181	ug/L 94
9) Trichlorofluoromethane	2.16	101	61739	4.578	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	35422	4.578	ug/L 97
12) 1,1-Dichloroethene	2.60	96	32954	4.408	ug/L 99
13) Acetone	2.67	43	66903	46.183	ug/L 100
14) Carbon disulfide	2.82	76	109415	4.455	ug/L 97
15) Methyl Acetate	2.98	43	17899	4.169	ug/L 97
16) Methylene chloride	3.08	84	37782	4.306	ug/L 91
17) Methyl tert-butyl Ether	3.40	73	98195	4.673	ug/L 98
18) trans-1,2-Dichloroethene	3.39	96	35171	4.329	ug/L 98
19) 1,1-Dichloroethane	3.91	63	67244	4.411	ug/L 91
21) 2-Butanone	4.75	43	118342	46.437	ug/L 99
22) cis-1,2-Dichloroethene	4.71	96	38591	4.356	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	17206	4.457	ug/L	96
25) Chloroform	5.13	83	69913	4.452	ug/L	97
27) 1,2-Dichloroethane	5.83	62	44865	4.453	ug/L	98
29) 1,1,1-Trichloroethane	5.36	97	61384	4.493	ug/L	99
30) Cyclohexane	5.42	56	63978	4.312	ug/L	99
31) Carbon tetrachloride	5.56	117	51855	4.667	ug/L	100
33) Benzene	5.81	78	150410	4.464	ug/L	100
34) Trichloroethene	6.57	95	39288	4.419	ug/L	96
35) Methylcyclohexane	6.79	83	66444	4.465	ug/L	98
37) 1,2-Dichloropropane	6.83	63	39994	4.398	ug/L	100
38) Bromodichloromethane	7.14	83	51995	4.480	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	62621	4.500	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	285111	45.012	ug/L	99
42) Toluene	8.00	91	161993	4.523	ug/L	99
44) trans-1,3-Dichloropropene	8.24	75	55737	4.567	ug/L	100
45) 1,1,2-Trichloroethane	8.43	97	28997	4.559	ug/L	96
47) Tetrachloroethene	8.58	164	28320	4.869	ug/L	97
48) 2-Hexanone	8.71	43	208967	45.550	ug/L	99
49) Dibromochloromethane	8.84	129	36016	4.754	ug/L	98
50) 1,2-Dibromoethane	8.95	107	28414	4.593	ug/L	92
51) Chlorobenzene	9.47	112	97961	4.432	ug/L	100
52) Ethylbenzene	9.59	91	184489	4.521	ug/L	99
53) m,p-Xylene	9.72	106	68037	4.436	ug/L	99
54) o-Xylene	10.12	106	66208	4.482	ug/L	96
55) Styrene	10.13	104	114557	4.490	ug/L	96
56) Isopropylbenzene	10.50	105	180613	4.490	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	38171	4.461	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	27734	4.651	ug/L	99
61) Bromoform	10.31	173	20360	4.653	ug/L	97
62) 1,3-Dichlorobenzene	11.76	146	81749	4.651	ug/L	97
63) 1,4-Dichlorobenzene	11.85	146	82227	4.601	ug/L	96
65) 1,2-Dichlorobenzene	12.23	146	76054	4.523	ug/L	96
66) 1,2-Dibromo-3-chloropropan	13.02	75	7464	4.620	ug/L	94
67) 1,3,5-Trichlorobenzene	13.25	180	60018	4.731	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	56082	4.752	ug/L	99
69) Naphthalene	14.12	128	134408	5.119	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	49644	4.742	ug/L	97

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

