

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042220\
 Data File : VU037855.D
 Acq On : 22 Apr 2020 20:10
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00518

Quant Time: Apr 23 01:40:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 23 01:37:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	288012	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	279174	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	141973	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	90201	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.93	69	81927	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.59	63	170695	4.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.20%
20) 2-Butanone-d5	4.66	46	318890	53.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.56%
24) Chloroform-d	5.10	84	168756	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.74	65	100179	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
32) Benzene-d6	5.76	84	358109	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.72	67	119793	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.92	98	327810	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	8.20	79	49759	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.65	63	278487	49.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.68%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	96808	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.00%
64) 1,2-Dichlorobenzene-d4	12.20	152	121196	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.40	85	116610	4.667 ug/L	99
3) Chloromethane	1.54	50	126943	4.109 ug/L	99
5) Vinyl chloride	1.62	62	140923	4.644 ug/L	98
6) Bromomethane	1.87	94	55953	3.211 ug/L	95
8) Chloroethane	1.95	64	80496	4.517 ug/L	99
9) Trichlorofluoromethane	2.16	101	154738	4.752 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	89522	4.722 ug/L	98
12) 1,1-Dichloroethene	2.60	96	87003	4.377 ug/L	95
13) Acetone	2.65	43	175043	44.356 ug/L	95
14) Carbon disulfide	2.82	76	300722	4.144 ug/L	100
15) Methyl Acetate	2.98	43	48452	4.416 ug/L	98
16) Methylene chloride	3.08	84	103307	4.610 ug/L	96
17) Methyl tert-butyl Ether	3.40	73	260497	4.526 ug/L	98
18) trans-1,2-Dichloroethene	3.39	96	97721	4.535 ug/L	99
19) 1,1-Dichloroethane	3.91	63	201041	4.824 ug/L	99
21) 2-Butanone	4.75	43	333985	46.580 ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	109073	4.685 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	44864	4.547	ug/L	98
25) Chloroform	5.13	83	194194	4.905	ug/L	98
27) 1,2-Dichloroethane	5.83	62	130085	4.861	ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	161702	4.774	ug/L	98
30) Cyclohexane	5.42	56	198522	4.735	ug/L	96
31) Carbon tetrachloride	5.56	117	127846	4.736	ug/L	99
33) Benzene	5.81	78	428398	4.644	ug/L	100
34) Trichloroethene	6.57	95	105177	4.640	ug/L	98
35) Methylcyclohexane	6.79	83	184870	4.653	ug/L	98
37) 1,2-Dichloropropane	6.82	63	116219	4.751	ug/L	99
38) Bromodichloromethane	7.13	83	133852	4.601	ug/L	96
39) cis-1,3-Dichloropropene	7.63	75	173791	4.538	ug/L	99
40) 4-Methyl-2-pentanone	7.82	43	841034	46.763	ug/L	98
42) Toluene	7.99	91	452719	4.686	ug/L	99
44) trans-1,3-Dichloropropene	8.23	75	150166	4.517	ug/L	98
45) 1,1,2-Trichloroethane	8.42	97	75224	4.563	ug/L	98
47) Tetrachloroethene	8.57	164	76333	4.686	ug/L	98
48) 2-Hexanone	8.71	43	594243	46.148	ug/L	99
49) Dibromochloromethane	8.83	129	85636	4.546	ug/L	95
50) 1,2-Dibromoethane	8.94	107	70904	4.473	ug/L	94
51) Chlorobenzene	9.47	112	277510	4.708	ug/L	99
52) Ethylbenzene	9.59	91	505602	4.704	ug/L	99
53) m,p-Xylene	9.71	106	190386	4.680	ug/L	99
54) o-Xylene	10.12	106	184893	4.618	ug/L	96
55) Styrene	10.13	104	315625	4.611	ug/L	98
56) Isopropylbenzene	10.50	105	492982	4.694	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	99643	4.643	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	74499	4.653	ug/L	99
61) Bromoform	10.31	173	48135	4.267	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	218792	4.601	ug/L	100
63) 1,4-Dichlorobenzene	11.85	146	217390	4.559	ug/L	100
65) 1,2-Dichlorobenzene	12.22	146	205057	4.581	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	17408	4.195	ug/L	96
67) 1,3,5-Trichlorobenzene	13.24	180	159173	4.565	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	143276	4.476	ug/L	98
69) Naphthalene	14.11	128	269182	4.153	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	128579	4.509	ug/L	99

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

