

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032820\
 Data File : VU037416.D
 Acq On : 28 Mar 2020 13:30
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00516

Quant Time: Mar 30 00:11:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 28 12:50:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	123577	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	117739	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	61854	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	42628	4.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	1.93	69	33764	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.59	63	86129	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.60%
20) 2-Butanone-d5	4.68	46	123911	49.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.68%
24) Chloroform-d	5.11	84	86171	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.74	65	46228	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.76	84	164886	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.72	67	51271	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.93	98	152152	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	8.20	79	24604	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.66	63	102656	48.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.54%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	43238	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	57764	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	50239	4.845 ug/L	98
3) Chloromethane	1.53	50	46480	5.057 ug/L	98
5) Vinyl chloride	1.62	62	46983	4.857 ug/L	98
6) Bromomethane	1.87	94	28137	5.161 ug/L	99
8) Chloroethane	1.95	64	25609	4.746 ug/L	95
9) Trichlorofluoromethane	2.16	101	62584	4.832 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	39652	5.025 ug/L	97
12) 1,1-Dichloroethene	2.60	96	38109	4.689 ug/L	97
13) Acetone	2.68	43	68358	47.848 ug/L	98
14) Carbon disulfide	2.82	76	134939	4.853 ug/L	99
15) Methyl Acetate	2.99	43	19138	4.795 ug/L	95
16) Methylene chloride	3.08	84	42530	4.683 ug/L	95
17) Methyl tert-butyl Ether	3.40	73	106999	4.838 ug/L	99
18) trans-1,2-Dichloroethene	3.39	96	42211	4.966 ug/L	96
19) 1,1-Dichloroethane	3.91	63	77904	4.904 ug/L	99
21) 2-Butanone	4.76	43	120009	49.413 ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	45123	4.738 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	20535	4.881	ug/L	92
25) Chloroform	5.13	83	81011	4.848	ug/L	96
27) 1,2-Dichloroethane	5.83	62	53223	4.768	ug/L	97
29) 1,1,1-Trichloroethane	5.36	97	75091	5.074	ug/L	98
30) Cyclohexane	5.42	56	73401	4.840	ug/L	98
31) Carbon tetrachloride	5.56	117	62131	4.863	ug/L	97
33) Benzene	5.81	78	168316	4.827	ug/L	100
34) Trichloroethene	6.57	95	46796	4.712	ug/L	97
35) Methylcyclohexane	6.79	83	75686	4.816	ug/L	97
37) 1,2-Dichloropropane	6.82	63	45067	5.000	ug/L	100
38) Bromodichloromethane	7.14	83	59408	4.820	ug/L	97
39) cis-1,3-Dichloropropene	7.64	75	73253	4.984	ug/L	100
40) 4-Methyl-2-pentanone	7.82	43	297853	49.634	ug/L	100
42) Toluene	8.00	91	185110	4.926	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	65144	4.958	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	31807	4.718	ug/L	99
47) Tetrachloroethene	8.58	164	33092	4.838	ug/L	96
48) 2-Hexanone	8.71	43	215125	49.735	ug/L	99
49) Dibromochloromethane	8.83	129	40810	4.905	ug/L	95
50) 1,2-Dibromoethane	8.95	107	31953	4.883	ug/L	96
51) Chlorobenzene	9.47	112	119280	4.595	ug/L	99
52) Ethylbenzene	9.59	91	213172	4.943	ug/L	100
53) m,p-Xylene	9.71	106	79636	4.888	ug/L	100
54) o-Xylene	10.12	106	77934	4.901	ug/L	99
55) Styrene	10.13	104	134447	4.948	ug/L	100
56) Isopropylbenzene	10.50	105	208845	4.929	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	43334	5.036	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	30583	4.878	ug/L	96
61) Bromoform	10.31	173	25144	4.891	ug/L	95
62) 1,3-Dichlorobenzene	11.76	146	96989	4.876	ug/L	96
63) 1,4-Dichlorobenzene	11.85	146	95001	4.473	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	90041	4.689	ug/L	100
66) 1,2-Dibromo-3-chloropropan	13.02	75	9253	5.477	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	74706	4.844	ug/L	99
68) 1,2,4-trichlorobenzene	13.87	180	70553	4.745	ug/L	99
69) Naphthalene	14.12	128	140373	4.863	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	64092	4.793	ug/L	96

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

