

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
 Data File : VU037803.D
 Acq On : 18 Apr 2020 04:23
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00514

Quant Time: Apr 18 05:26:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 05:19:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	252873	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	244446	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	123285	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	77691	4.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.20%
7) Chloroethane-d5	1.93	69	73908	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.59	63	149721	4.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.00%
20) 2-Butanone-d5	4.66	46	326844	62.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.40%
24) Chloroform-d	5.10	84	159382	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.74	65	97142	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.60%
32) Benzene-d6	5.76	84	313001	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.72	67	112978	5.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.20%
41) Toluene-d8	7.92	98	275467	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
43) trans-1,3-Dichloropropene-	8.20	79	45206	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.66	63	284843	57.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.26%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	95456	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	110116	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.40	85	113930	5.194	ug/L 99
3) Chloromethane	1.54	50	101978	3.760	ug/L 100
5) Vinyl chloride	1.62	62	130522	4.898	ug/L 99
6) Bromomethane	1.87	94	29088	1.901	ug/L 94
8) Chloroethane	1.95	64	76092	4.864	ug/L 100
9) Trichlorofluoromethane	2.16	101	141424	4.946	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	81766	4.912	ug/L 97
12) 1,1-Dichloroethene	2.60	96	81058	4.645	ug/L 96
13) Acetone	2.66	43	167727	48.408	ug/L 97
14) Carbon disulfide	2.82	76	288659	4.530	ug/L 99
15) Methyl Acetate	2.98	43	47281	4.908	ug/L 98
16) Methylene chloride	3.08	84	94664	4.812	ug/L 94
17) Methyl tert-butyl Ether	3.40	73	246353	4.875	ug/L 98
18) trans-1,2-Dichloroethene	3.39	96	88985	4.704	ug/L 98
19) 1,1-Dichloroethane	3.91	63	186995	5.110	ug/L 99
21) 2-Butanone	4.75	43	318630	50.614	ug/L 98
22) cis-1,2-Dichloroethene	4.71	96	100130	4.898	ug/L 94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	40786	4.708	ug/L	90
25) Chloroform	5.13	83	178831	5.145	ug/L	99
27) 1,2-Dichloroethane	5.83	62	122788	5.226	ug/L	98
29) 1,1,1-Trichloroethane	5.35	97	147467	4.972	ug/L	98
30) Cyclohexane	5.42	56	185866	5.063	ug/L	95
31) Carbon tetrachloride	5.56	117	119746	5.066	ug/L	98
33) Benzene	5.81	78	398056	4.929	ug/L	100
34) Trichloroethene	6.57	95	97814	4.928	ug/L	98
35) Methylcyclohexane	6.79	83	168204	4.835	ug/L	97
37) 1,2-Dichloropropane	6.82	63	108297	5.056	ug/L	98
38) Bromodichloromethane	7.13	83	127692	5.013	ug/L	99
39) cis-1,3-Dichloropropene	7.63	75	157702	4.703	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	799894	50.794	ug/L	98
42) Toluene	7.99	91	419454	4.958	ug/L	98
44) trans-1,3-Dichloropropene	8.23	75	135782	4.665	ug/L	97
45) 1,1,2-Trichloroethane	8.42	97	70162	4.861	ug/L	99
47) Tetrachloroethene	8.57	164	70285	4.928	ug/L	97
48) 2-Hexanone	8.71	43	574431	50.947	ug/L	98
49) Dibromochloromethane	8.83	129	79465	4.817	ug/L	99
50) 1,2-Dibromoethane	8.95	107	67212	4.842	ug/L	98
51) Chlorobenzene	9.47	112	255173	4.944	ug/L	99
52) Ethylbenzene	9.59	91	466522	4.957	ug/L	100
53) m,p-Xylene	9.71	106	176355	4.951	ug/L	100
54) o-Xylene	10.12	106	170417	4.861	ug/L	98
55) Styrene	10.13	104	291942	4.871	ug/L	96
56) Isopropylbenzene	10.50	105	461654	5.020	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	93092	4.954	ug/L	99
59) 1,2,3-Trichloropropane	10.84	75	68621	4.895	ug/L	99
61) Bromoform	10.31	173	45100	4.604	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	200427	4.854	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	199669	4.822	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	188343	4.845	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	16377	4.545	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	145812	4.815	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	132289	4.760	ug/L	98
69) Naphthalene	14.11	128	255899	4.546	ug/L	99
70) 1,2,3-Trichlorobenzene	14.36	180	118083	4.768	ug/L	100

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

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