

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU033020\
 Data File : VU037454.D
 Acq On : 30 Mar 2020 10:21
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00519

Quant Time: Mar 31 01:12:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR032820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Mar 30 03:07:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	138117	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	127785	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	64608	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	40210	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.93	69	34580	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.60%
11) 1,1-Dichloroethene-d2	2.59	63	85505	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.80%
20) 2-Butanone-d5	4.69	46	142049	51.12	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.24%
24) Chloroform-d	5.11	84	86730	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
26) 1,2-Dichloroethane-d4	5.74	65	48617	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.76	84	159734	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.73	67	54736	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.60%
41) Toluene-d8	7.92	98	145484	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	8.20	79	24810	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.66	63	113708	49.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.56%
57) 1,1,2,2-Tetrachloroethane-	10.78	84	45454	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	51545	4.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	53303	4.599	ug/L 99
3) Chloromethane	1.53	50	48676	4.738	ug/L 96
5) Vinyl chloride	1.62	62	50822	4.700	ug/L 97
6) Bromomethane	1.88	94	30219	4.960	ug/L 98
8) Chloroethane	1.95	64	28766	4.769	ug/L 92
9) Trichlorofluoromethane	2.16	101	69110	4.774	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	42455	4.813	ug/L 97
12) 1,1-Dichloroethene	2.60	96	42311	4.658	ug/L 96
13) Acetone	2.69	43	86216	53.995	ug/L 99
14) Carbon disulfide	2.82	76	141508	4.553	ug/L 99
15) Methyl Acetate	2.99	43	20885	4.682	ug/L 96
16) Methylene chloride	3.08	84	45062	4.439	ug/L 96
17) Methyl tert-butyl Ether	3.40	73	117242	4.743	ug/L 98
18) trans-1,2-Dichloroethene	3.39	96	44605	4.696	ug/L 95
19) 1,1-Dichloroethane	3.92	63	83925	4.727	ug/L 97
21) 2-Butanone	4.77	43	143096	52.716	ug/L 97
22) cis-1,2-Dichloroethene	4.71	96	47520	4.464	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	21044	4.475	ug/L	94
25) Chloroform	5.13	83	85313	4.568	ug/L	97
27) 1,2-Dichloroethane	5.83	62	60818	4.875	ug/L	96
29) 1,1,1-Trichloroethane	5.36	97	78256	4.872	ug/L	99
30) Cyclohexane	5.43	56	83051	5.046	ug/L	98
31) Carbon tetrachloride	5.56	117	66054	4.763	ug/L	98
33) Benzene	5.81	78	184177	4.867	ug/L	100
34) Trichloroethene	6.57	95	49856	4.626	ug/L	96
35) Methylcyclohexane	6.79	83	83999	4.924	ug/L	99
37) 1,2-Dichloropropane	6.83	63	48502	4.958	ug/L	100
38) Bromodichloromethane	7.14	83	64835	4.846	ug/L	90
39) cis-1,3-Dichloropropene	7.64	75	77895	4.883	ug/L	99
40) 4-Methyl-2-pentanone	7.83	43	346513	53.204	ug/L	98
42) Toluene	8.00	91	198150	4.859	ug/L	100
44) trans-1,3-Dichloropropene	8.24	75	69923	4.903	ug/L	99
45) 1,1,2-Trichloroethane	8.43	97	33905	4.634	ug/L	94
47) Tetrachloroethene	8.58	164	33831	4.557	ug/L	95
48) 2-Hexanone	8.71	43	253764	54.056	ug/L	98
49) Dibromochloromethane	8.83	129	44241	4.900	ug/L	99
50) 1,2-Dibromoethane	8.95	107	34085	4.800	ug/L	99
51) Chlorobenzene	9.47	112	120729	4.285	ug/L	99
52) Ethylbenzene	9.59	91	226450	4.838	ug/L	100
53) m,p-Xylene	9.72	106	84597	4.784	ug/L	100
54) o-Xylene	10.12	106	80853	4.685	ug/L	100
55) Styrene	10.13	104	140208	4.754	ug/L	100
56) Isopropylbenzene	10.50	105	219065	4.764	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	45787	4.903	ug/L	97
59) 1,2,3-Trichloropropane	10.84	75	33334	4.899	ug/L	96
61) Bromoform	10.31	173	25257	4.704	ug/L #	95
62) 1,3-Dichlorobenzene	11.76	146	98072	4.721	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	98207	4.427	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	92545	4.614	ug/L	99
66) 1,2-Dibromo-3-chloropropan	13.02	75	9913	5.617	ug/L	92
67) 1,3,5-Trichlorobenzene	13.25	180	72576	4.505	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	67944	4.374	ug/L	98
69) Naphthalene	14.12	128	144461	4.791	ug/L	99
70) 1,2,3-Trichlorobenzene	14.37	180	60094	4.302	ug/L	98

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

