

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031320\
 Data File : VU037258.D
 Acq On : 13 Mar 2020 21:54
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00509

Quant Time: Mar 14 00:28:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR031120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Mar 14 00:24:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	127626	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	129010	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	65524	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	39245	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.93	69	32782	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	110.80%
11) 1,1-Dichloroethene-d2	2.59	63	78135	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.40%
20) 2-Butanone-d5	4.67	46	97791	45.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.24%
24) Chloroform-d	5.10	84	75769	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.40%
26) 1,2-Dichloroethane-d4	5.74	65	45831	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.20%
32) Benzene-d6	5.76	84	145395	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.72	67	44685	4.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.20%
41) Toluene-d8	7.92	98	142492	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	8.20	79	19753	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.66	63	85747	49.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.48%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	38026	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	53876	4.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.39	85	75208	4.576	ug/L 99
3) Chloromethane	1.54	50	67084	4.785	ug/L 99
5) Vinyl chloride	1.62	62	65206	5.193	ug/L 90
6) Bromomethane	1.87	94	33473	7.093	ug/L 98
8) Chloroethane	1.95	64	35887	5.576	ug/L 94
9) Trichlorofluoromethane	2.16	101	97275	5.459	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.60	101	43712	4.746	ug/L 99
12) 1,1-Dichloroethene	2.60	96	40462	4.857	ug/L 97
13) Acetone	2.65	43	73430	41.801	ug/L 92
14) Carbon disulfide	2.82	76	130468	4.721	ug/L 99
15) Methyl Acetate	2.98	43	18800	4.573	ug/L 100
16) Methylene chloride	3.08	84	46621	4.661	ug/L 97
17) Methyl tert-butyl Ether	3.40	73	111128	4.966	ug/L 96
18) trans-1,2-Dichloroethene	3.39	96	41653	4.729	ug/L 99
19) 1,1-Dichloroethane	3.91	63	89703	5.031	ug/L 99
21) 2-Butanone	4.75	43	126766	45.843	ug/L 98
22) cis-1,2-Dichloroethene	4.71	96	47715	4.922	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	5.02	128	21354	5.026	ug/L	95
25) Chloroform	5.13	83	103949	5.344	ug/L	97
27) 1,2-Dichloroethane	5.83	62	66268	4.888	ug/L	99
29) 1,1,1-Trichloroethane	5.36	97	83544	5.056	ug/L	98
30) Cyclohexane	5.43	56	78235	4.895	ug/L	97
31) Carbon tetrachloride	5.56	117	75136	5.249	ug/L	99
33) Benzene	5.81	78	187666	4.920	ug/L	100
34) Trichloroethene	6.57	95	50636	4.916	ug/L	98
35) Methylcyclohexane	6.79	83	77102	4.842	ug/L	96
37) 1,2-Dichloropropane	6.83	63	50048	4.986	ug/L	98
38) Bromodichloromethane	7.14	83	67527	5.071	ug/L	99
39) cis-1,3-Dichloropropene	7.64	75	71122	4.936	ug/L	98
40) 4-Methyl-2-pentanone	7.82	43	319320	44.957	ug/L	97
42) Toluene	8.00	91	206630	5.046	ug/L	96
44) trans-1,3-Dichloropropene	8.24	75	60226	5.011	ug/L	96
45) 1,1,2-Trichloroethane	8.43	97	35138	4.852	ug/L	95
47) Tetrachloroethene	8.58	164	38582	4.817	ug/L	98
48) 2-Hexanone	8.71	43	233663	47.185	ug/L	98
49) Dibromochloromethane	8.83	129	45387	5.204	ug/L	99
50) 1,2-Dibromoethane	8.95	107	33136	4.825	ug/L	98
51) Chlorobenzene	9.47	112	128809	4.886	ug/L	100
52) Ethylbenzene	9.59	91	230554	5.092	ug/L	97
53) m,p-Xylene	9.71	106	85165	5.232	ug/L	97
54) o-Xylene	10.12	106	82528	5.200	ug/L	99
55) Styrene	10.13	104	137107	5.268	ug/L	99
56) Isopropylbenzene	10.50	105	225988	5.306	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.80	83	44797	5.009	ug/L	98
59) 1,2,3-Trichloropropane	10.84	75	33164	4.617	ug/L	95
61) Bromoform	10.31	173	26200	5.240	ug/L #	97
62) 1,3-Dichlorobenzene	11.76	146	103382	4.815	ug/L	99
63) 1,4-Dichlorobenzene	11.85	146	101319	4.751	ug/L	97
65) 1,2-Dichlorobenzene	12.23	146	97114	4.771	ug/L	98
66) 1,2-Dibromo-3-chloropropan	13.02	75	8121	5.196	ug/L	94
67) 1,3,5-Trichlorobenzene	13.24	180	76495	5.205	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	51700	5.187	ug/L	98
69) Naphthalene	14.12	128	74829	5.256	ug/L	100
70) 1,2,3-Trichlorobenzene	14.36	180	50453	5.394	ug/L	97

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

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