

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042419\
 Data File : VU031491.D
 Acq On : 24 Apr 2019 23:35
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00520

Quant Time: Apr 25 06:12:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR042419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 25 06:05:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	297790	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	290019	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	127631	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	120597	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.68	69	96595	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.20%
11) 1,1-Dichloroethene-d2	2.27	63	240842	5.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.40%
20) 2-Butanone-d5	4.21	46	368687	57.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.36%
24) Chloroform-d	4.64	84	215866	5.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.20%
26) 1,2-Dichloroethane-d4	5.31	65	113281	5.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.60%
32) Benzene-d6	5.33	84	407735	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
36) 1,2-Dichloropropane-d6	6.33	67	135412	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	7.56	98	349133	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	7.85	79	47172	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	8.31	63	244621	49.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.88%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111478	5.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	117498	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	149108	5.836	ug/L 99
3) Chloromethane	1.32	50	183173	5.819	ug/L 100
5) Vinyl chloride	1.40	62	175332	5.642	ug/L 95
6) Bromomethane	1.63	94	86629	5.429	ug/L 98
8) Chloroethane	1.70	64	99488	5.657	ug/L 98
9) Trichlorofluoromethane	1.88	101	206948	5.783	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	113861	5.502	ug/L 98
12) 1,1-Dichloroethene	2.28	96	112281	5.426	ug/L 96
13) Acetone	2.35	43	260891	57.442	ug/L 98
14) Carbon disulfide	2.47	76	379838	5.521	ug/L 99
15) Methyl Acetate	2.62	43	71238	5.680	ug/L 98
16) Methylene chloride	2.70	84	129509	5.534	ug/L 94
17) Methyl tert-butyl Ether	3.00	73	320541	5.487	ug/L 98
18) trans-1,2-Dichloroethene	2.97	96	119162	5.469	ug/L 96
19) 1,1-Dichloroethane	3.44	63	242913	5.860	ug/L 99
21) 2-Butanone	4.29	43	406121	58.810	ug/L 100
22) cis-1,2-Dichloroethene	4.22	96	123917	5.496	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.54	128	54147	5.584	ug/L	90
25) Chloroform	4.67	83	229721	5.974	ug/L	99
27) 1,2-Dichloroethane	5.40	62	150207	5.944	ug/L	96
29) 1,1,1-Trichloroethane	4.91	97	190296	5.736	ug/L	98
30) Cyclohexane	4.98	56	196592	4.922	ug/L	97
31) Carbon tetrachloride	5.13	117	161834	5.670	ug/L	99
33) Benzene	5.38	78	500133	5.581	ug/L	100
34) Trichloroethene	6.18	95	151333	6.407	ug/L	97
35) Methylcyclohexane	6.41	83	164174	4.698	ug/L	97
37) 1,2-Dichloropropane	6.43	63	133881	5.574	ug/L	100
38) Bromodichloromethane	6.75	83	161611	5.751	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	163865	4.909	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	918276	55.877	ug/L	97
42) Toluene	7.63	91	508731	5.655	ug/L	97
44) trans-1,3-Dichloropropene	7.88	75	138513	5.363	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	92040	5.624	ug/L	90
47) Tetrachloroethene	8.22	164	87357	5.293	ug/L	98
48) 2-Hexanone	8.36	43	681390	59.110	ug/L	97
49) Dibromochloromethane	8.47	129	101584	5.539	ug/L	98
50) 1,2-Dibromoethane	8.58	107	87342	5.559	ug/L	98
51) Chlorobenzene	9.12	112	296421	5.432	ug/L	97
52) Ethylbenzene	9.25	91	489039	5.106	ug/L	100
53) m,p-Xylene	9.37	106	180921	5.305	ug/L	97
54) o-Xylene	9.78	106	174910	5.195	ug/L	95
55) Styrene	9.79	104	310302	5.572	ug/L	97
56) Isopropylbenzene	10.16	105	461066	5.183	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.45	83	117537	5.644	ug/L	97
59) 1,2,3-Trichloropropane	10.49	75	86207	5.698	ug/L	100
61) Bromoform	9.95	173	55555	5.533	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	196951	5.212	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	201002	5.107	ug/L	96
65) 1,2-Dichlorobenzene	11.87	146	199353	5.321	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	17760	5.667	ug/L	93
67) 1,3,5-Trichlorobenzene	12.88	180	147626	5.143	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	107464	4.752	ug/L	97
69) Naphthalene	13.74	128	197840	4.475	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	117058	5.245	ug/L	98

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

