

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021219\
 Data File : VU029417.D
 Acq On : 12 Feb 2019 13:49
 Operator : JC/SP
 Sample : VSTD02049
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02049

Quant Time: Feb 13 02:59:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR021219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Feb 13 02:55:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	198688	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	194356	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	113717	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	292013	20.38	ug/L	0.00
7) Chloroethane-d5	1.67	69	255239	21.63	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	633614	21.76	ug/L	0.00
20) 2-Butanone-d5	4.19	46	623116	237.24	ug/L	0.00
24) Chloroform-d	4.64	84	487081	22.31	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	241140	21.11	ug/L	0.00
32) Benzene-d6	5.33	84	990779	20.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	290692	20.77	ug/L	0.00
41) Toluene-d8	7.56	98	999819	21.39	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	136837	21.34	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	659951	237.46	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	265525	22.43	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	453444	21.98	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	364593	22.616	ug/L	99
3) Chloromethane	1.32	50	335622	22.115	ug/L	99
5) Vinyl chloride	1.40	62	407121	23.727	ug/L	100
6) Bromomethane	1.61	94	260101	21.497	ug/L	99
8) Chloroethane	1.69	64	251292	23.132	ug/L	98
9) Trichlorofluoromethane	1.88	101	624159	23.679	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	369037	23.522	ug/L	98
12) 1,1-Dichloroethene	2.28	96	349254	23.641	ug/L	96
13) Acetone	2.32	43	534691	245.321	ug/L	100
14) Carbon disulfide	2.47	76	1153028	23.203	ug/L	100
15) Methyl Acetate	2.62	43	140566	23.532	ug/L	96
16) Methylene chloride	2.69	84	356734	21.922	ug/L	99
17) Methyl tert-butyl Ether	3.00	73	875045	23.566	ug/L	100
18) trans-1,2-Dichloroethene	2.97	96	370432	23.126	ug/L	100
19) 1,1-Dichloroethane	3.44	63	503203	21.570	ug/L	97
21) 2-Butanone	4.28	43	687890	256.774	ug/L	97
22) cis-1,2-Dichloroethene	4.22	96	335762	23.294	ug/L	98
23) Bromochloromethane	4.54	128	152474	23.291	ug/L	98
25) Chloroform	4.67	83	537250	22.955	ug/L	97
27) 1,2-Dichloroethane	5.40	62	325558	23.815	ug/L	98
29) 1,1,1-Trichloroethane	4.91	97	490648	22.470	ug/L	99
30) Cyclohexane	4.99	56	464918	22.315	ug/L	97
31) Carbon tetrachloride	5.13	117	454678	22.743	ug/L	99
33) Benzene	5.38	78	1165890	22.981	ug/L	100
34) Trichloroethene	6.18	95	330070	22.848	ug/L	96
35) Methylcyclohexane	6.41	83	556747	22.528	ug/L	98
37) 1,2-Dichloropropane	6.43	63	293178	22.721	ug/L	100
38) Bromodichloromethane	6.75	83	392320	22.426	ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	483801	23.362	ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	1763231	243.043	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.63	91	1354737	23.407	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	400223	23.310	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	225749	22.560	ug/L	97
47) Tetrachloroethene	8.22	164	315335	23.501	ug/L	97
48) 2-Hexanone	8.36	43	1302728	257.429	ug/L	99
49) Dibromochloromethane	8.48	129	320997	23.587	ug/L	99
50) 1,2-Dibromoethane	8.58	107	225838	23.231	ug/L	96
51) Chlorobenzene	9.12	112	917464	23.012	ug/L	98
52) Ethylbenzene	9.25	91	1552366	23.610	ug/L	100
53) m,p-xylene	9.37	106	628410	23.974	ug/L	100
54) o-xylene	9.77	106	620386	24.257	ug/L	99
55) Styrene	9.79	104	1072902	25.293	ug/L	98
56) Isopropylbenzene	10.16	105	1655372	24.445	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.45	83	288480	23.545	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	196836	24.118	ug/L	96
61) Bromoform	9.95	173	207351	22.929	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	836746	23.346	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	844464	23.214	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	791168	23.541	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.65	75	51767	23.182	ug/L	97
67) 1,3,5-Trichlorobenzene	12.88	180	716584	24.188	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	637543	24.780	ug/L	100
69) Naphthalene	13.74	128	1082596	26.910	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	577374	24.706	ug/L	99

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

