

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U103018\
 Data File : VU027867.D
 Acq On : 30 Oct 2018 11:28
 Operator : MD/SY
 Sample : VSTD00545
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00545

Quant Time: Oct 31 01:46:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR103018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 31 01:42:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	89399	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	86582	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	44120	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	35701	5.11	ug/L	0.00
7) Chloroethane-d5	1.68	69	27289	5.06	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	66402	5.01	ug/L	0.00
20) 2-Butanone-d5	4.21	46	105015	50.23	ug/L	0.00
24) Chloroform-d	4.65	84	63244	5.03	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	35194	4.87	ug/L	0.00
32) Benzene-d6	5.34	84	119057	5.02	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	42598	5.08	ug/L	0.00
41) Toluene-d8	7.57	98	110878	4.92	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	15802	4.86	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	90866	51.14	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29993	5.05	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	40545	4.80	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	44376	5.042	ug/L 100
3) Chloromethane	1.33	50	43443	4.977	ug/L 100
5) Vinyl chloride	1.40	62	43274	4.980	ug/L 100
6) Bromomethane	1.63	94	13717	4.804	ug/L 100
8) Chloroethane	1.70	64	24420	4.795	ug/L 100
9) Trichlorofluoromethane	1.89	101	57345	4.971	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.30	101	29823	5.066	ug/L 100
12) 1,1-Dichloroethene	2.29	96	27498	4.952	ug/L 100
13) Acetone	2.34	43	62880	47.874	ug/L 100
14) Carbon disulfide	2.48	76	96203	4.850	ug/L 100
15) Methyl Acetate	2.62	43	16526	4.700	ug/L 100
16) Methylene chloride	2.70	84	30526	4.893	ug/L 100
17) Methyl tert-butyl Ether	3.01	73	81598	4.929	ug/L 100
18) trans-1,2-Dichloroethene	2.99	96	29706	5.033	ug/L 100
19) 1,1-Dichloroethane	3.45	63	62100	4.984	ug/L 100
21) 2-Butanone	4.29	43	112030	49.058	ug/L 100
22) cis-1,2-Dichloroethene	4.23	96	34561	5.066	ug/L 100
23) Bromochloromethane	4.55	128	14494	5.127	ug/L 100
25) Chloroform	4.68	83	62503	4.948	ug/L 100
27) 1,2-Dichloroethane	5.41	62	43526	4.937	ug/L 100
29) 1,1,1-Trichloroethane	4.92	97	56373	5.045	ug/L 100
30) Cyclohexane	5.00	56	65262	4.971	ug/L 100
31) Carbon tetrachloride	5.14	117	47471	4.951	ug/L 100
33) Benzene	5.39	78	136626	4.983	ug/L 100
34) Trichloroethene	6.19	95	36020	5.047	ug/L 100
35) Methylcyclohexane	6.41	83	60386	4.974	ug/L 100
37) 1,2-Dichloropropane	6.44	63	39546	5.063	ug/L 100
38) Bromodichloromethane	6.76	83	44826	4.909	ug/L 100
39) cis-1,3-Dichloropropene	7.27	75	56413	5.039	ug/L 100
40) 4-Methyl-2-pentanone	7.47	43	276216	50.055	ug/L 100

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42) Toluene	7.64	91	141591	4.936	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	46705	4.863	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	24417	5.082	ug/L	100
47) Tetrachloroethene	8.23	164	26804	4.889	ug/L	100
48) 2-Hexanone	8.37	43	203273	51.096	ug/L	100
49) Dibromochloromethane	8.48	129	28480	4.908	ug/L	100
50) 1,2-Dibromoethane	8.59	107	22912	4.984	ug/L	100
51) Chlorobenzene	9.12	112	86993	4.888	ug/L	100
52) Ethylbenzene	9.25	91	162027	4.954	ug/L	100
53) m,p-xylene	9.38	106	58785	4.957	ug/L	100
54) o-xylene	9.78	106	57214	4.911	ug/L	100
55) Styrene	9.79	104	97059	4.971	ug/L	100
56) Isopropylbenzene	10.17	105	158955	5.009	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	31421	5.015	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	23243	4.910	ug/L	100
61) Bromoform	9.96	173	15550	4.791	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	71950	5.070	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	69304	4.886	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	65564	4.893	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	5585	5.319	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	56573	4.954	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	48684	5.013	ug/L	100
69) Naphthalene	13.74	128	77074	5.104	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	43120	4.875	ug/L	100

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

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