

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U122818\
 Data File : VU028970.D
 Acq On : 27 Dec 2018 17:15
 Operator : MD/SY
 Sample : VSTD02045
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD02045

Quant Time: Dec 28 02:11:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Dec 28 02:05:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	136530	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	130724	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	66436	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	142610	19.52	ug/L	0.00
7) Chloroethane-d5	1.67	69	125545	19.69	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	302598	19.57	ug/L	0.00
20) 2-Butanone-d5	4.19	46	400858	209.91	ug/L	0.00
24) Chloroform-d	4.65	84	284116	20.00	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	137001	18.91	ug/L	0.00
32) Benzene-d6	5.34	84	587021	19.21	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	193430	19.80	ug/L	0.00
41) Toluene-d8	7.56	98	551073	19.47	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	74805	20.37	ug/L	0.00
46) 2-Hexanone-d5	8.31	63	350411	209.24	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	154782	19.90	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	214802	19.33	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	226925	18.978 ug/L	99
3) Chloromethane	1.32	50	250271	18.757 ug/L	100
5) Vinyl chloride	1.40	62	255777	18.762 ug/L	96
6) Bromomethane	1.61	94	111780	17.711 ug/L	99
8) Chloroethane	1.69	64	145391	18.689 ug/L	99
9) Trichlorofluoromethane	1.88	101	292945	18.791 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	190162	18.902 ug/L	99
12) 1,1-Dichloroethene	2.28	96	186786	19.095 ug/L	98
13) Acetone	2.32	43	271674	176.246 ug/L	99
14) Carbon disulfide	2.48	76	640706	18.745 ug/L	99
15) Methyl Acetate	2.62	43	77726	17.209 ug/L	99
16) Methylene chloride	2.70	84	202909	14.488 ug/L	99
17) Methyl tert-butyl Ether	3.00	73	447704	18.639 ug/L	99
18) trans-1,2-Dichloroethene	2.98	96	200439	18.664 ug/L	96
19) 1,1-Dichloroethane	3.44	63	333394	18.284 ug/L	98
21) 2-Butanone	4.27	43	455266	197.411 ug/L	99
22) cis-1,2-Dichloroethene	4.22	96	212640	19.138 ug/L	100
23) Bromochloromethane	4.55	128	84684	18.783 ug/L	97
25) Chloroform	4.67	83	324072	18.706 ug/L	99
27) 1,2-Dichloroethane	5.40	62	193816	18.911 ug/L	100
29) 1,1,1-Trichloroethane	4.91	97	266638	18.572 ug/L	99
30) Cyclohexane	4.99	56	324696	18.876 ug/L	100
31) Carbon tetrachloride	5.13	117	220349	19.275 ug/L	98
33) Benzene	5.39	78	773395	18.502 ug/L	100
34) Trichloroethene	6.18	95	203223	19.015 ug/L	97
35) Methylcyclohexane	6.41	83	350187	19.075 ug/L	99
37) 1,2-Dichloropropane	6.43	63	201143	18.888 ug/L	99
38) Bromodichloromethane	6.76	83	227015	18.935 ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	295067	19.324 ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	1108059	195.547 ug/L	99

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42) Toluene	7.63	91	839757	18.768	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	235666	19.806	ug/L	98
45) 1,1,2-Trichloroethane	8.07	97	135543	18.703	ug/L	97
47) Tetrachloroethene	8.22	164	163417	18.462	ug/L	97
48) 2-Hexanone	8.36	43	782450	199.623	ug/L	100
49) Dibromochloromethane	8.48	129	151770	19.726	ug/L	100
50) 1,2-Dibromoethane	8.58	107	130112	19.193	ug/L	95
51) Chlorobenzene	9.12	112	529825	18.879	ug/L	98
52) Ethylbenzene	9.25	91	919852	19.378	ug/L	98
53) m,p-xylene	9.37	106	350902	19.426	ug/L	98
54) o-xylene	9.78	106	342819	19.550	ug/L	97
55) Styrene	9.79	104	588702	20.171	ug/L	99
56) Isopropylbenzene	10.16	105	899163	19.443	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	172710	19.467	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	119997	19.329	ug/L	100
61) Bromoform	9.96	173	88625	19.551	ug/L	93
62) 1,3-Dichlorobenzene	11.41	146	430081	19.152	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	429979	18.763	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	401297	18.883	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.65	75	24571	19.583	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	345546	19.885	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	302578	20.893	ug/L	99
69) Naphthalene	13.74	128	532822	21.510	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	272940	19.760	ug/L	100

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

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