

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101718\
 Data File : VU027666.D
 Acq On : 17 Oct 2018 09:04
 Operator : MD/SY
 Sample : VSTD00543
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00543

Quant Time: Oct 19 05:51:29 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 19 05:48:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	89411	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	85201	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43855	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	33664	4.74	ug/L	0.00
7) Chloroethane-d5	1.68	69	25213	4.72	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	60731	4.81	ug/L	0.00
20) 2-Butanone-d5	4.22	46	98581	48.79	ug/L	0.00
24) Chloroform-d	4.65	84	52218	4.72	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	29957	4.82	ug/L	0.00
32) Benzene-d6	5.34	84	113422	4.88	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	39982	4.94	ug/L	0.00
41) Toluene-d8	7.57	98	109425	4.87	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	16021	4.49	ug/L	0.00
46) 2-Hexanone-d5	8.32	63	87520	50.00	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29570	4.68	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	39578	4.81	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	33455	4.584	ug/L 100
3) Chloromethane	1.33	50	41012	4.719	ug/L 100
5) Vinyl chloride	1.40	62	42021	4.816	ug/L 100
6) Bromomethane	1.64	94	22051	4.712	ug/L 100
8) Chloroethane	1.70	64	24403	4.852	ug/L 100
9) Trichlorofluoromethane	1.89	101	48110	4.777	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	28763	4.733	ug/L 100
12) 1,1-Dichloroethene	2.29	96	28056	4.637	ug/L 100
13) Acetone	2.36	43	62065	48.038	ug/L 100
14) Carbon disulfide	2.48	76	100895	4.814	ug/L 100
15) Methyl Acetate	2.63	43	16053	4.653	ug/L 100
16) Methylene chloride	2.71	84	31085	4.710	ug/L 100
17) Methyl tert-butyl Ether	3.01	73	80876	4.835	ug/L 100
18) trans-1,2-Dichloroethene	2.99	96	30972	4.815	ug/L 100
19) 1,1-Dichloroethane	3.45	63	59945	4.682	ug/L 100
21) 2-Butanone	4.31	43	110487	49.217	ug/L 100
22) cis-1,2-Dichloroethene	4.23	96	34307	4.819	ug/L 100
23) Bromochloromethane	4.55	128	14757	4.603	ug/L 100
25) Chloroform	4.68	83	58931	4.770	ug/L 100
27) 1,2-Dichloroethane	5.41	62	37327	4.773	ug/L 100
29) 1,1,1-Trichloroethane	4.92	97	50545	4.839	ug/L 100
30) Cyclohexane	4.99	56	63028	4.802	ug/L 100
31) Carbon tetrachloride	5.13	117	44784	4.734	ug/L 100
33) Benzene	5.39	78	131650	4.721	ug/L 100
34) Trichloroethene	6.18	95	34977	4.846	ug/L 100
35) Methylcyclohexane	6.41	83	59646	4.796	ug/L 100
37) 1,2-Dichloropropane	6.44	63	38182	4.769	ug/L 100
38) Bromodichloromethane	6.76	83	43740	4.701	ug/L 100
39) cis-1,3-Dichloropropene	7.27	75	57764	4.961	ug/L 100
40) 4-Methyl-2-pentanone	7.48	43	265233	49.078	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	142359	4.752	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	47224	4.915	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	24963	4.848	ug/L	100
47) Tetrachloroethene	8.23	164	27426	4.760	ug/L	100
48) 2-Hexanone	8.38	43	193817	50.056	ug/L	100
49) Dibromochloromethane	8.48	129	31261	4.886	ug/L	100
50) 1,2-Dibromoethane	8.59	107	23542	4.879	ug/L	100
51) Chlorobenzene	9.12	112	88846	4.833	ug/L	100
52) Ethylbenzene	9.25	91	159627	4.808	ug/L	100
53) m,p-xylene	9.38	106	59362	4.805	ug/L	100
54) o-xylene	9.78	106	58533	4.826	ug/L	100
55) Styrene	9.79	104	100162	4.911	ug/L	100
56) Isopropylbenzene	10.17	105	155848	4.832	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	30632	4.548	ug/L	100
59) 1,2,3-Trichloropropane	10.50	75	22370	4.862	ug/L	100
61) Bromoform	9.96	173	18911	4.813	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	71044	4.879	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	70036	4.796	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	67793	4.847	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	5502	4.778	ug/L	100
67) 1,3,5-Trichlorobenzene	12.89	180	55937	4.733	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	50019	4.909	ug/L	100
69) Naphthalene	13.74	128	84468	4.959	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	45699	4.802	ug/L	100

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

