

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040319\
 Data File : VR026437.D
 Acq On : 3 Apr 2019 19:20
 Operator : SY/MD
 Sample : VSTD00188
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VSTD00188

Quant Time: Apr 04 05:53:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 04 04:39:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	507287	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	410342	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	146547	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	37847	0.78	ug/L	-0.01
7) Chloroethane-d5	2.62	69	32209	0.80	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.60	63	100956	0.88	ug/L	0.00
20) 2-Butanone-d5	6.59	46	26775	7.31	ug/L	0.00
24) Chloroform-d	7.20	84	68793	0.84	ug/L	0.00
26) 1,2-Dichloroethane-d4	7.89	65	29470	0.89	ug/L	0.00
32) Benzene-d6	7.85	84	113946	0.74	ug/L	0.00
36) 1,2-Dichloropropane-d6	8.89	67	29876	0.77	ug/L	0.00
41) Toluene-d8	9.97	98	99227	0.72	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.23	79	6479	0.63	ug/L	0.00
46) 2-Hexanone-d5	10.59	63	16717	6.37	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.36	84	13839	0.93	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.52	152	19111	0.76	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.84	85	57046	1.278 ug/L	93
3) Chloromethane	2.01	50	62996	1.168 ug/L	87
5) Vinyl chloride	2.15	62	61082	1.164 ug/L	95
6) Bromomethane	2.52	94	35341	1.169 ug/L	90
8) Chloroethane	2.66	64	35282	1.131 ug/L	97
9) Trichlorofluoromethane	2.93	101	79765	1.148 ug/L #	65
10) 1,1,2-Trichloro-1,2,2-trif	3.67	101	46435	1.162 ug/L	98
12) 1,1-Dichloroethene	3.63	96	48725	1.104 ug/L	88
13) Acetone	3.70	43	41507	12.580 ug/L	99
14) Carbon disulfide	3.93	76	141829	1.021 ug/L	99
15) Methyl Acetate	4.18	43	10328	1.127 ug/L #	86
16) Methylene chloride	4.41	84	47630	1.228 ug/L	92
17) Methyl tert-butyl Ether	4.89	73	51201	1.182 ug/L #	88
18) trans-1,2-Dichloroethene	4.89	96	45241	1.111 ug/L	94
19) 1,1-Dichloroethane	5.69	63	82674	1.102 ug/L	97
21) 2-Butanone	6.69	43	44808	10.810 ug/L	98
22) cis-1,2-Dichloroethene	6.67	96	32623	0.960 ug/L #	74
23) Bromochloromethane	7.04	128	12695	1.197 ug/L #	90
25) Chloroform	7.23	83	77993	1.086 ug/L	99
27) 1,2-Dichloroethane	7.99	62	40976	1.193 ug/L	97
29) 1,1,1-Trichloroethane	7.43	97	70995	1.155 ug/L	99
30) Cyclohexane	7.53	56	55334	0.950 ug/L	99
31) Carbon tetrachloride	7.63	117	68946	1.206 ug/L	98
33) Benzene	7.91	78	164732	1.036 ug/L	100
34) Trichloroethene	8.71	95	43732	1.086 ug/L	91
35) Methylcyclohexane	8.95	83	56337	0.980 ug/L	97
37) 1,2-Dichloropropane	9.00	63	38204	1.132 ug/L #	96
38) Bromodichloromethane	9.28	83	42392	1.092 ug/L	100
39) cis-1,3-Dichloropropene	9.72	75	30050	0.806 ug/L	91
40) 4-Methyl-2-pentanone	9.87	43	96717	10.340 ug/L	97

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42) Toluene	10.03	91	165373	1.032	ug/L	96
44) trans-1,3-Dichloropropene	10.26	75	25477	0.947	ug/L	95
45) 1,1,2-Trichloroethane	10.44	97	15397	1.106	ug/L	97
47) Tetrachloroethene	10.51	164	31461	1.084	ug/L	90
48) 2-Hexanone	10.63	43	68213	10.567	ug/L	95
49) Dibromochloromethane	10.79	129	19474	1.122	ug/L	95
50) 1,2-Dibromoethane	10.88	107	12810	1.155	ug/L #	98
51) Chlorobenzene	11.31	112	98881	1.132	ug/L	97
52) Ethylbenzene	11.39	91	185857	1.031	ug/L	99
53) m,p-Xylene	11.50	106	62865	0.985	ug/L	98
54) o-Xylene	11.83	106	50840	0.905	ug/L	96
55) Styrene	11.84	104	90954	1.022	ug/L	94
56) Isopropylbenzene	12.13	105	157153	0.983	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	12.39	83	14401	1.132	ug/L #	96
59) 1,2,3-Trichloropropane	12.43	75	10299	1.086	ug/L #	74
61) Bromoform	12.01	173	7105	1.049	ug/L #	95
62) 1,3-Dichlorobenzene	13.16	146	42253	0.931	ug/L	96
63) 1,4-Dichlorobenzene	13.24	146	58066	1.165	ug/L	98
65) 1,2-Dichlorobenzene	13.53	146	39958	1.072	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.14	75	1515	1.094	ug/L #	80
67) 1,3,5-Trichlorobenzene	14.29	180	29607	1.053	ug/L	96
68) 1,2,4-trichlorobenzene	14.79	180	14668	0.910	ug/L	94
69) Naphthalene	15.00	128	10432	0.697	ug/L #	96
70) 1,2,3-Trichlorobenzene	15.18	180	10582	0.935	ug/L	91

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

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