

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032119\
 Data File : VV009794.D
 Acq On : 21 Mar 2019 13:52
 Operator : SY/MD
 Sample : VSTD02035
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02035

Quant Time: Mar 21 14:29:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR032119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Mar 21 13:22:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	117840	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	125838	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61250	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	274639	34.28	ug/L	0.00
7) Chloroethane-d5	1.59	69	248655	35.20	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	667425	33.83	ug/L	0.00
20) 2-Butanone-d5	3.97	46	345089	245.77	ug/L	-0.02
24) Chloroform-d	4.40	84	305430	21.80	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	148693	21.53	ug/L	0.00
32) Benzene-d6	5.10	84	648801	21.20	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	191681	21.04	ug/L	0.00
41) Toluene-d8	7.36	98	657840	21.39	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	78632	20.08	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	357284	273.80	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	153125	21.95	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	230186	20.95	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	208918	28.335 ug/L	96
3) Chloromethane	1.25	50	300073	36.576 ug/L	100
5) Vinyl chloride	1.32	62	332675	36.698 ug/L	97
6) Bromomethane	1.54	94	215142	36.918 ug/L	98
8) Chloroethane	1.60	64	234676	38.494 ug/L	99
9) Trichlorofluoromethane	1.77	101	792090	40.299 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	336996	34.044 ug/L	96
12) 1,1-Dichloroethene	2.14	96	308618	35.971 ug/L	97
13) Acetone	2.22	43	410587	333.998 ug/L #	52
14) Carbon disulfide	2.32	76	889582	31.809 ug/L	99
15) Methyl Acetate	2.47	43	100446	29.875 ug/L	97
16) Methylene chloride	2.54	84	296841	29.685 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	735111	33.957 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	331701	35.325 ug/L	90
19) 1,1-Dichloroethane	3.23	63	570045	42.259 ug/L	98
21) 2-Butanone	4.05	43	365779	239.955 ug/L	94
22) cis-1,2-Dichloroethene	3.96	96	168498	20.137 ug/L	96
23) Bromochloromethane	4.30	128	69442	21.020 ug/L	91
25) Chloroform	4.43	83	294740	20.656 ug/L	98
27) 1,2-Dichloroethane	5.18	62	185355	21.524 ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	265250	18.146 ug/L	97
30) Cyclohexane	4.72	56	273050	19.609 ug/L	97
31) Carbon tetrachloride	4.87	117	237351	19.950 ug/L	100
33) Benzene	5.15	78	684624	20.067 ug/L	100
34) Trichloroethene	5.96	95	175080	18.137 ug/L	99
35) Methylcyclohexane	6.18	83	309537	20.084 ug/L	99
37) 1,2-Dichloropropane	6.22	63	167728	20.189 ug/L	98
38) Bromodichloromethane	6.56	83	219237	18.797 ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	265125	20.347 ug/L	92
40) 4-Methyl-2-pentanone	7.28	43	1077748	238.436 ug/L	96

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42) Toluene	7.43	91	832660	21.316	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	215026	20.825	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	117412	19.959	ug/L	97
47) Tetrachloroethene	8.02	164	145624	19.602	ug/L	98
48) 2-Hexanone	8.19	43	785712	251.737	ug/L	99
49) Dibromochloromethane	8.29	129	153213	20.169	ug/L	96
50) 1,2-Dibromoethane	8.40	107	115198	20.111	ug/L	95
51) Chlorobenzene	8.93	112	519315	20.125	ug/L	98
52) Ethylbenzene	9.06	91	952109	21.218	ug/L	99
53) m,p-xylene	9.18	106	370574	21.727	ug/L	95
54) o-xylene	9.59	106	364592	21.699	ug/L	98
55) Styrene	9.60	104	633552	23.270	ug/L	100
56) Isopropylbenzene	9.97	105	978226	21.450	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	150873	20.825	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	100792	19.784	ug/L	98
61) Bromoform	9.78	173	75040	19.756	ug/L #	96
62) 1,3-Dichlorobenzene	11.23	146	394393	20.018	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	399577	20.158	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	372595	20.315	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	21343	18.195	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	307584	21.107	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	256185	22.344	ug/L	98
69) Naphthalene	13.55	128	435608	22.738	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	230269	22.251	ug/L	97

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

