

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032119\
 Data File : VV009792.D
 Acq On : 21 Mar 2019 13:01
 Operator : SY/MD
 Sample : VSTD00533
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00533

Quant Time: Mar 21 13:49:44 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	5.67	114	118516	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	115920	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57024	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66385	8.24	ug/L	0.00
7) Chloroethane-d5	1.59	69	55957	7.88	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	159763	8.05	ug/L	0.00
20) 2-Butanone-d5	3.98	46	79834	56.53	ug/L	0.00
24) Chloroform-d	4.41	84	70301	4.99	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.09	65	33098	4.76	ug/L	0.00
32) Benzene-d6	5.10	84	145172	5.15	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	43083	5.13	ug/L	0.00
41) Toluene-d8	7.36	98	144892	5.11	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	15794	4.38	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	73039	60.76	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	32931	5.12	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	48938	4.78	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	52243	7.045 ug/L	99
3) Chloromethane	1.25	50	75882	9.197 ug/L	98
5) Vinyl chloride	1.32	62	82684	9.069 ug/L	100
6) Bromomethane	1.54	94	52736	8.998 ug/L	98
8) Chloroethane	1.60	64	51923	8.468 ug/L	96
9) Trichlorofluoromethane	1.77	101	166318	8.413 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	85237	8.562 ug/L	97
12) 1,1-Dichloroethene	2.14	96	79058	9.162 ug/L	95
13) Acetone	2.23	43	100568	81.342 ug/L	91
14) Carbon disulfide	2.32	76	213562	7.593 ug/L	100
15) Methyl Acetate	2.48	43	24238	7.168 ug/L	96
16) Methylene chloride	2.54	84	75282	7.486 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	177317	8.144 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	80076	8.479 ug/L	93
19) 1,1-Dichloroethane	3.23	63	143263	10.560 ug/L	97
21) 2-Butanone	4.07	43	86107	56.165 ug/L	88
22) cis-1,2-Dichloroethene	3.96	96	39244	4.663 ug/L	94
23) Bromochloromethane	4.30	128	16449	4.951 ug/L	93
25) Chloroform	4.43	83	71662	4.994 ug/L	100
27) 1,2-Dichloroethane	5.19	62	42393	4.895 ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	61650	4.578 ug/L	96
30) Cyclohexane	4.72	56	65230	5.085 ug/L	98
31) Carbon tetrachloride	4.87	117	54506	4.973 ug/L	97
33) Benzene	5.15	78	164212	5.225 ug/L	100
34) Trichloroethene	5.96	95	39959	4.494 ug/L	95
35) Methylcyclohexane	6.17	83	71065	5.006 ug/L	98
37) 1,2-Dichloropropane	6.22	63	38575	5.040 ug/L	98
38) Bromodichloromethane	6.56	83	50143	4.667 ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	58203	4.849 ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	245220	58.893 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	184463	5.126	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	44838	4.714	ug/L	95
45) 1,1,2-Trichloroethane	7.89	97	28300	5.222	ug/L	98
47) Tetrachloroethene	8.02	164	34643	5.062	ug/L	95
48) 2-Hexanone	8.19	43	178193	61.977	ug/L	96
49) Dibromochloromethane	8.29	129	32149	4.594	ug/L	100
50) 1,2-Dibromoethane	8.40	107	25353	4.805	ug/L	90
51) Chlorobenzene	8.93	112	118259	4.975	ug/L	98
52) Ethylbenzene	9.05	91	203070	4.913	ug/L	97
53) m,p-xylene	9.18	106	77581	4.938	ug/L	98
54) o-xylene	9.59	106	75399	4.871	ug/L	99
55) Styrene	9.60	104	127199	5.072	ug/L	97
56) Isopropylbenzene	9.98	105	203844	4.852	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	34786	5.212	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	23588	5.026	ug/L	95
61) Bromoform	9.78	173	14413	4.076	ug/L #	94
62) 1,3-Dichlorobenzene	11.23	146	87877	4.791	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	89503	4.850	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	85354	4.999	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	4358	3.991	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	67257	4.957	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	53269	4.990	ug/L	97
69) Naphthalene	13.55	128	84301	4.727	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	47788	4.960	ug/L	99

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

