

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040620\
 Data File : VV015409.D
 Acq On : 06 Apr 2020 14:27
 Operator : SY/MD
 Sample : VSTD01036
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01036

Quant Time: Apr 07 02:09:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 07 02:01:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	97212	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.88	117	102016	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	52180	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	70254	9.53	ug/L	0.00
7) Chloroethane-d5	1.60	69	63316	10.72	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	159950	12.04	ug/L	0.00
20) 2-Butanone-d5	4.01	46	166873	107.74	ug/L	0.00
24) Chloroform-d	4.38	84	138317	10.45	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.07	65	58153	8.33	ug/L	0.00
32) Benzene-d6	5.08	84	222408	7.50	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.11	67	70350	8.10	ug/L	0.00
41) Toluene-d8	7.36	98	241767	9.26	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	31479	9.22	ug/L	0.00
46) 2-Hexanone-d5	8.13	63	136868	98.48	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	55992	8.95	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	86576	9.28	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	88652	8.565 ug/L	99
3) Chloromethane	1.26	50	91043	9.368 ug/L	98
5) Vinyl chloride	1.33	62	96176	10.456 ug/L	100
6) Bromomethane	1.55	94	63171	11.912 ug/L	100
8) Chloroethane	1.61	64	57710	10.998 ug/L	96
9) Trichlorofluoromethane	1.78	101	142413	11.188 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	89941	12.969 ug/L	99
12) 1,1-Dichloroethene	2.14	96	83364	12.696 ug/L	84
13) Acetone	2.28	43	104083	99.735 ug/L	100
14) Carbon disulfide	2.32	76	266771	12.128 ug/L	100
15) Methyl Acetate	2.49	43	34056	12.222 ug/L	98
16) Methylene chloride	2.54	84	83874	10.548 ug/L	99
17) Methyl tert-butyl Ether	2.82	73	188340	11.080 ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	85310	11.163 ug/L	97
19) 1,1-Dichloroethane	3.22	63	150936	10.328 ug/L	99
21) 2-Butanone	4.09	43	185785	105.414 ug/L	# 73
22) cis-1,2-Dichloroethene	3.95	96	88839	10.902 ug/L	# 99
23) Bromochloromethane	4.28	128	36710	11.132 ug/L	98
25) Chloroform	4.41	83	171658	11.436 ug/L	98
27) 1,2-Dichloroethane	5.17	62	72671	8.646 ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	145856	10.541 ug/L	98
30) Cyclohexane	4.69	56	145084	9.614 ug/L	99
31) Carbon tetrachloride	4.85	117	132755	11.110 ug/L	98
33) Benzene	5.13	78	258693	7.903 ug/L	100
34) Trichloroethene	5.94	95	71854	8.423 ug/L	96
35) Methylcyclohexane	6.15	83	122900	8.360 ug/L	92
37) 1,2-Dichloropropane	6.21	63	62069	7.713 ug/L	98
38) Bromodichloromethane	6.55	83	85723	8.506 ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	100022	8.383 ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	352172	74.217 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	316003	9.192	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	85489	9.191	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	46089	8.707	ug/L	98
47) Tetrachloroethene	8.01	164	54005	8.058	ug/L	98
48) 2-Hexanone	8.18	43	256475	75.905	ug/L	100
49) Dibromochloromethane	8.28	129	56563	9.436	ug/L	99
50) 1,2-Dibromoethane	8.39	107	45805	9.058	ug/L	99
51) Chlorobenzene	8.91	112	202800	9.230	ug/L	99
52) Ethylbenzene	9.04	91	365617	9.298	ug/L	99
53) m,p-xylene	9.17	106	144074	9.910	ug/L	98
54) o-xylene	9.57	106	137235	9.719	ug/L	97
55) Styrene	9.59	104	232826	9.865	ug/L	100
56) Isopropylbenzene	9.96	105	371828	9.751	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.27	83	55157	8.458	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	40089	8.390	ug/L	99
61) Bromoform	9.76	173	25999	8.800	ug/L	98
62) 1,3-Dichlorobenzene	11.21	146	162056	9.283	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	161328	9.019	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	146407	9.120	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	9912	9.083	ug/L	89
67) 1,3,5-Trichlorobenzene	12.67	180	112006	8.161	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	97598	8.251	ug/L	99
69) Naphthalene	13.53	128	198633	9.949	ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	84814	8.066	ug/L	100

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

