

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040920\
 Data File : VV015417.D
 Acq On : 09 Apr 2020 13:37
 Operator : SY/MD
 Sample : VSTD02032
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02032

Quant Time: Apr 10 02:30:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 10 02:18:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	114985	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	111831	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58628	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	126856	16.08	ug/L	0.00
7) Chloroethane-d5	1.57	69	114616	15.84	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	259808	14.64	ug/L	0.00
20) 2-Butanone-d5	3.95	46	412986	222.40	ug/L	-0.03
24) Chloroform-d	4.37	84	285870	18.06	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	155144	21.52	ug/L	0.00
32) Benzene-d6	5.07	84	537432	21.32	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	168929	21.15	ug/L	0.00
41) Toluene-d8	7.34	98	520847	20.41	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	77618	23.13	ug/L	0.00
46) 2-Hexanone-d5	8.11	63	385734	262.09	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	135825	22.56	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	193923	19.43	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.13	85	230088	21.202	ug/L 99
3) Chloromethane	1.24	50	217110	19.423	ug/L 100
5) Vinyl chloride	1.31	62	211903	18.360	ug/L 100
6) Bromomethane	1.52	94	118550	16.340	ug/L 98
8) Chloroethane	1.59	64	122276	17.856	ug/L 99
9) Trichlorofluoromethane	1.76	101	270946	16.445	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	150294	14.683	ug/L 99
12) 1,1-Dichloroethene	2.12	96	145206	14.825	ug/L 95
13) Acetone	2.24	43	231443	181.700	ug/L 97
14) Carbon disulfide	2.30	76	530421	16.833	ug/L 100
15) Methyl Acetate	2.47	43	83836	21.356	ug/L 93
16) Methylene chloride	2.52	84	163156	14.008	ug/L 97
17) Methyl tert-butyl Ether	2.79	73	404773	18.087	ug/L 99
18) trans-1,2-Dichloroethene	2.77	96	167285	16.148	ug/L 98
19) 1,1-Dichloroethane	3.21	63	315435	17.512	ug/L 99
21) 2-Butanone	4.03	43	454912	218.948	ug/L # 75
22) cis-1,2-Dichloroethene	3.94	96	174694	16.433	ug/L 97
23) Bromochloromethane	4.27	128	73172	16.804	ug/L 98
25) Chloroform	4.40	83	318576	15.745	ug/L 98
27) 1,2-Dichloroethane	5.16	62	209247	23.039	ug/L 100
29) 1,1,1-Trichloroethane	4.63	97	295153	17.463	ug/L 98
30) Cyclohexane	4.70	56	314091	19.230	ug/L 99
31) Carbon tetrachloride	4.85	117	256865	17.597	ug/L 100
33) Benzene	5.12	78	682670	22.743	ug/L 100
34) Trichloroethene	5.94	95	181067	21.323	ug/L 99
35) Methylcyclohexane	6.15	83	315054	21.320	ug/L 99
37) 1,2-Dichloropropane	6.20	63	171277	23.617	ug/L 99
38) Bromodichloromethane	6.53	83	228282	22.851	ug/L 96
39) cis-1,3-Dichloropropene	7.05	75	273751	24.008	ug/L 97
40) 4-Methyl-2-pentanone	7.25	43	1146197	271.355	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	753709	21.205	ug/L	98
44) trans-1,3-Dichloropropene	7.67	75	234141	24.087	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	116335	21.517	ug/L	97
47) Tetrachloroethene	8.00	164	137080	21.923	ug/L	99
48) 2-Hexanone	8.16	43	828311	276.164	ug/L	99
49) Dibromochloromethane	8.27	129	143600	22.481	ug/L	98
50) 1,2-Dibromoethane	8.38	107	111434	21.697	ug/L	98
51) Chlorobenzene	8.90	112	474683	20.659	ug/L	99
52) Ethylbenzene	9.03	91	876823	21.394	ug/L	99
53) m,p-xylene	9.16	106	331510	21.001	ug/L	99
54) o-xylene	9.57	106	318993	20.871	ug/L	98
55) Styrene	9.58	104	552513	21.857	ug/L	99
56) Isopropylbenzene	9.95	105	875181	21.339	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	143201	22.930	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	106553	22.582	ug/L	98
61) Bromoform	9.75	173	73410	23.741	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	381628	19.772	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	379600	19.594	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	346332	20.099	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	27691	22.207	ug/L	99
67) 1,3,5-Trichlorobenzene	12.67	180	284468	21.120	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	254558	21.421	ug/L	99
69) Naphthalene	13.53	128	493954	18.056	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	225541	22.008	ug/L	100

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

