

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071719\
 Data File : VV011904.D
 Acq On : 17 Jul 2019 11:34
 Operator : SY/MD
 Sample : VSTD01033
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01033

Quant Time: Jul 18 01:26:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 18 01:22:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	166412	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	164454	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	80848	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	126610	10.20	ug/L	0.00
7) Chloroethane-d5	1.58	69	105542	10.65	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	185682	9.77	ug/L	0.00
20) 2-Butanone-d5	3.96	46	340331	124.58	ug/L	0.00
24) Chloroform-d	4.40	84	258374	11.24	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	133082	11.49	ug/L	0.00
32) Benzene-d6	5.10	84	510948	11.17	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	153737	10.94	ug/L	0.00
41) Toluene-d8	7.36	98	477156	11.47	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.66	79	59490	11.55	ug/L	0.00
46) 2-Hexanone-d5	8.14	63	259255	126.72	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	99689	11.46	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	166778	11.11	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	172708	10.432	ug/L 100
3) Chloromethane	1.25	50	167012	10.290	ug/L 99
5) Vinyl chloride	1.32	62	161889	10.255	ug/L 100
6) Bromomethane	1.54	94	91821	10.207	ug/L 99
8) Chloroethane	1.60	64	89645	9.535	ug/L 99
9) Trichlorofluoromethane	1.77	101	200568	9.872	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	87893	9.424	ug/L 96
12) 1,1-Dichloroethene	2.14	96	81755	9.593	ug/L 95
13) Acetone	2.22	43	138693	90.143	ug/L 98
14) Carbon disulfide	2.32	76	230510	10.115	ug/L 99
15) Methyl Acetate	2.47	43	33285	9.387	ug/L 98
16) Methylene chloride	2.53	84	87731	9.836	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	278298	10.611	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	126670	10.561	ug/L 98
19) 1,1-Dichloroethane	3.23	63	241481	10.604	ug/L 98
21) 2-Butanone	4.05	43	327336	109.447	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	134943	10.588	ug/L 98
23) Bromochloromethane	4.30	128	53426	9.955	ug/L 99
25) Chloroform	4.43	83	245583	9.844	ug/L 95
27) 1,2-Dichloroethane	5.18	62	155169	10.747	ug/L 98
29) 1,1,1-Trichloroethane	4.66	97	208527	9.977	ug/L 100
30) Cyclohexane	4.72	56	226857	10.450	ug/L 100
31) Carbon tetrachloride	4.87	117	182512	10.266	ug/L 98
33) Benzene	5.15	78	530005	10.248	ug/L 100
34) Trichloroethene	5.96	95	140833	9.589	ug/L 98
35) Methylcyclohexane	6.18	83	230214	10.770	ug/L 99
37) 1,2-Dichloropropane	6.22	63	132607	10.290	ug/L 100
38) Bromodichloromethane	6.56	83	157645	10.235	ug/L 99
39) cis-1,3-Dichloropropene	7.07	75	190793	10.994	ug/L 98
40) 4-Methyl-2-pentanone	7.28	43	808522	106.309	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.43	91	571328	10.605	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	148517	10.868	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	86148	10.032	ug/L	99
47) Tetrachloroethene	8.02	164	109302	10.175	ug/L	98
48) 2-Hexanone	8.19	43	586305	107.023	ug/L	100
49) Dibromochloromethane	8.29	129	99273	10.474	ug/L	100
50) 1,2-Dibromoethane	8.40	107	81918	10.311	ug/L	100
51) Chlorobenzene	8.92	112	350470	10.075	ug/L	100
52) Ethylbenzene	9.05	91	637343	10.703	ug/L	100
53) m,p-xylene	9.18	106	239889	10.910	ug/L	97
54) o-xylene	9.59	106	226411	10.820	ug/L	96
55) Styrene	9.60	104	394071	11.173	ug/L	99
56) Isopropylbenzene	9.97	105	624357	10.926	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	87908	10.437	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	74815	9.852	ug/L	99
61) Bromoform	9.77	173	46920	10.557	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	268125	10.322	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	272449	10.122	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	253607	10.317	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	14656	9.779	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	210001	10.291	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	174437	10.745	ug/L	100
69) Naphthalene	13.55	128	288288	12.005	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	159545	10.871	ug/L	99

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

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