

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071420\
 Data File : VV017476.D
 Acq On : 14 Jul 2020 11:06
 Operator : SY/MD
 Sample : VSTD02033
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02033

Quant Time: Jul 15 02:04:07 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 15 02:00:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	146824	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	140758	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	78986	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	173203	19.71	ug/L	0.00
7) Chloroethane-d5	1.58	69	139061	21.41	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	371677	21.67	ug/L	0.00
20) 2-Butanone-d5	3.95	46	382958	177.51	ug/L	0.00
24) Chloroform-d	4.38	84	387951	20.31	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	211495	20.75	ug/L	0.00
32) Benzene-d6	5.07	84	681504	18.84	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	182799	17.17	ug/L	0.00
41) Toluene-d8	7.34	98	670214	19.72	ug/L	0.00
45) trans-1,3-Dichloropropene-	7.64	79	94231	20.57	ug/L	0.00
48) 2-Hexanone-d5	8.11	63	317126	190.95	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	10.24	84	134947	18.95	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	11.65	152	274559	18.92	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	340189	26.446 ug/L	99
3) Chloromethane	1.25	50	224018	21.894 ug/L	95
5) Vinyl chloride	1.32	62	232731	23.154 ug/L	99
6) Bromomethane	1.53	94	143187	24.242 ug/L	95
8) Chloroethane	1.60	64	129765	23.059 ug/L	95
9) Trichlorofluoromethane	1.77	101	426581	25.397 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	190760	23.345 ug/L	99
12) 1,1-Dichloroethene	2.13	96	173701	23.578 ug/L	96
13) Acetone	2.24	43	259218	225.391 ug/L	80
14) Carbon disulfide	2.31	76	547416	24.341 ug/L	98
15) Methyl Acetate	2.46	43	60103	22.581 ug/L	98
16) Methylene chloride	2.52	84	169066	21.376 ug/L	98
17) Methyl tert-butyl Ether	2.79	73	436949	23.634 ug/L	97
18) trans-1,2-Dichloroethene	2.78	96	184551	23.307 ug/L	96
19) 1,1-Dichloroethane	3.21	63	361214	21.129 ug/L	97
21) 2-Butanone	4.03	43	408601	194.827 ug/L	# 44
22) cis-1,2-Dichloroethene	3.94	96	205010	20.062 ug/L	100
23) Bromochloromethane	4.27	128	94256	21.255 ug/L	95
25) Chloroform	4.40	83	388861	20.887 ug/L	99
27) 1,2-Dichloroethane	5.16	62	256963	21.834 ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	398508	22.712 ug/L	97
30) Cyclohexane	4.70	56	311476	19.536 ug/L	99
31) Carbon tetrachloride	4.85	117	369421	23.201 ug/L	99
33) Benzene	5.13	78	752955	20.272 ug/L	100
34) Trichloroethene	5.94	95	221324	20.215 ug/L	97
35) Methylcyclohexane	6.15	83	351072	20.881 ug/L	99
37) 1,2-Dichloropropane	6.20	63	170250	18.977 ug/L	99
38) Bromodichloromethane	6.53	83	271953	21.394 ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	294879	21.588 ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	966411	186.508 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	856685	19.877	ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	909023	23.316	ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	912198	23.061	ug/L	99
46) trans-1,3-Dichloropropene	7.67	75	261359	21.862	ug/L	97
47) 1,1,2-Trichloroethane	7.86	97	126669	19.570	ug/L	94
49) Tetrachloroethene	8.00	164	194221	21.701	ug/L	99
50) 2-Hexanone	8.16	43	694926	188.552	ug/L	100
51) Dibromochloromethane	8.27	129	186017	22.986	ug/L	98
52) 1,2-Dibromoethane	8.37	107	125923	20.375	ug/L #	96
53) Chlorobenzene	8.90	112	560009	20.697	ug/L	99
54) Ethylbenzene	9.03	91	999487	21.655	ug/L	100
55) m,p-xylene	9.16	106	378402	20.907	ug/L	96
56) o-xylene	9.56	106	365126	21.651	ug/L	97
57) Styrene	9.58	104	625458	22.190	ug/L	97
58) Isopropylbenzene	9.95	105	1036148	22.125	ug/L	99
60) 1,1,2,2-Tetrachloroethane	10.26	83	135694	20.363	ug/L	94
62) Bromoform	9.75	173	104856	23.805	ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	498656	20.806	ug/L	98
64) 1,4-Dichlorobenzene	11.29	146	489555	20.146	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	444797	20.492	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.45	75	29720	23.938	ug/L	98
68) 1,3,5-Trichlorobenzene	12.67	180	408681	21.199	ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	355079	22.361	ug/L	100
70) Naphthalene	13.52	128	537915	23.979	ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	303248	22.973	ug/L	97

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

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