

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV053020\
 Data File : VV016358.D
 Acq On : 30 May 2020 14:27
 Operator : SY/MD
 Sample : VSTD02031
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD02031

Quant Time: Jun 01 03:30:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053020WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 01 03:25:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	81561	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	80150	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	40518	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	145461	20.42	ug/L	0.00
7) Chloroethane-d5	1.58	69	108414	20.32	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	253351	20.28	ug/L	0.00
20) 2-Butanone-d5	3.93	46	335987	217.22	ug/L	0.00
24) Chloroform-d	4.38	84	251902	20.68	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	130314	20.51	ug/L	0.00
32) Benzene-d6	5.08	84	485301	21.35	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	144918	21.15	ug/L	0.00
41) Toluene-d8	7.34	98	453240	21.43	ug/L	0.00
45) trans-1,3-Dichloropropene-	7.64	79	59224	22.90	ug/L	0.00
48) 2-Hexanone-d5	8.11	63	284516	237.00	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	10.24	84	106552	21.44	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	11.65	152	154330	21.16	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	133166	19.225 ug/L	99
3) Chloromethane	1.25	50	152899	18.986 ug/L	99
5) Vinyl chloride	1.32	62	145592	19.256 ug/L	100
6) Bromomethane	1.53	94	82442	19.751 ug/L	99
8) Chloroethane	1.60	64	82807	17.931 ug/L	99
9) Trichlorofluoromethane	1.77	101	191959	18.570 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	108287	18.734 ug/L	98
12) 1,1-Dichloroethene	2.14	96	103015	19.026 ug/L	86
13) Acetone	2.21	43	174622	189.054 ug/L	99
14) Carbon disulfide	2.31	76	326376	19.981 ug/L	98
15) Methyl Acetate	2.46	43	45054	19.167 ug/L	99
16) Methylene chloride	2.53	84	105729	18.573 ug/L	99
17) Methyl tert-butyl Ether	2.79	73	248683	19.627 ug/L	97
18) trans-1,2-Dichloroethene	2.78	96	108414	19.131 ug/L	98
19) 1,1-Dichloroethane	3.21	63	220398	19.351 ug/L	98
21) 2-Butanone	4.02	43	321713	199.366 ug/L	97
22) cis-1,2-Dichloroethene	3.94	96	124643	20.049 ug/L	97
23) Bromochloromethane	4.28	128	50945	20.293 ug/L	94
25) Chloroform	4.40	83	223428	19.646 ug/L	98
27) 1,2-Dichloroethane	5.16	62	147454	19.394 ug/L	100
29) 1,1,1-Trichloroethane	4.64	97	201809	20.396 ug/L	98
30) Cyclohexane	4.70	56	219257	20.742 ug/L	99
31) Carbon tetrachloride	4.85	117	171698	20.042 ug/L	100
33) Benzene	5.13	78	486356	19.882 ug/L	100
34) Trichloroethene	5.94	95	125916	19.536 ug/L	94
35) Methylcyclohexane	6.15	83	218342	21.227 ug/L	99
37) 1,2-Dichloropropane	6.20	63	124637	19.475 ug/L	100
38) Bromodichloromethane	6.53	83	151455	20.308 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	185365	22.687 ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	782954	205.315 ug/L	99

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42) Toluene	7.41	91	537929	20.055	ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	523466	21.250	ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	535650	21.510	ug/L	100
46) trans-1,3-Dichloropropene	7.67	75	156081	22.228	ug/L	97
47) 1,1,2-Trichloroethane	7.86	97	80376	20.208	ug/L	98
49) Tetrachloroethene	8.00	164	94145	20.432	ug/L	98
50) 2-Hexanone	8.16	43	563364	207.843	ug/L	99
51) Dibromochloromethane	8.27	129	92435	22.458	ug/L	96
52) 1,2-Dibromoethane	8.37	107	76204	20.096	ug/L	99
53) Chlorobenzene	8.90	112	328359	20.138	ug/L	99
54) Ethylbenzene	9.03	91	615672	20.861	ug/L	98
55) m,p-xylene	9.16	106	229303	20.729	ug/L	99
56) o-xylene	9.57	106	218672	20.657	ug/L	98
57) Styrene	9.58	104	378564	20.743	ug/L	99
58) Isopropylbenzene	9.95	105	604567	21.154	ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	100327	20.301	ug/L	96
62) Bromoform	9.75	173	39409	22.396	ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	263399	20.092	ug/L	99
64) 1,4-Dichlorobenzene	11.29	146	261891	20.071	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	238883	20.289	ug/L	100
67) 1,2-Dibromo-3-chloropropan	12.45	75	16784	22.057	ug/L	97
68) 1,3,5-Trichlorobenzene	12.67	180	193567	20.694	ug/L	99
69) 1,2,4-trichlorobenzene	13.29	180	170081	21.864	ug/L	99
70) Naphthalene	13.52	128	327322	21.617	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	150052	21.217	ug/L	100

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

