

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120720\
 Data File : VV019488.D
 Acq On : 07 Dec 2020 12:55
 Operator : SY/MD
 Sample : VSTD05061
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD05061

Quant Time: Dec 07 13:36:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120720WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 07 13:33:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	330773	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	325174	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	164576	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	113905	36.60	ug/L	0.00
7) Chloroethane-d5	1.57	69	97352	38.11	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	245618	43.05	ug/L	0.00
21) 2-Butanone-d5	3.90	46	167713	86.69	ug/L	0.00
24) Chloroform-d	4.37	84	245802	46.69	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	166522	48.00	ug/L	0.00
32) Benzene-d6	5.07	84	472532	49.39	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	158121	49.51	ug/L	0.00
41) Toluene-d8	7.33	98	420227	49.37	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	76453	49.88	ug/L	0.00
47) 2-Hexanone-d5	8.10	63	101144	84.99	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.23	84	194482	47.67	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.64	152	148977	47.07	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	76450	31.157	ug/L 100
3) Chloromethane	1.25	50	85826	26.639	ug/L 100
5) Vinyl chloride	1.32	62	108206	33.851	ug/L 100
6) Bromomethane	1.52	94	71374	34.157	ug/L 100
8) Chloroethane	1.59	64	76743	37.193	ug/L 100
9) Trichlorofluoromethane	1.76	101	165633	40.192	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	96127	42.789	ug/L 100
12) 1,1-Dichloroethene	2.13	96	88617	38.617	ug/L 100
13) Acetone	2.17	43	188456	116.279	ug/L 100
14) Carbon disulfide	2.31	76	240459	36.517	ug/L 100
15) Methyl Acetate	2.44	43	160225	51.000	ug/L 100
16) Methylene chloride	2.52	84	123545	45.005	ug/L 100
17) trans-1,2-Dichloroethene	2.78	96	103608	44.607	ug/L 100
18) Methyl tert-butyl Ether	2.78	73	387845	50.944	ug/L 100
19) 1,1-Dichloroethane	3.21	63	242575	49.593	ug/L 100
20) cis-1,2-Dichloroethene	3.94	96	120804	46.879	ug/L 100
22) 2-Butanone	3.98	43	245389	116.922	ug/L 100
23) Bromochloromethane	4.27	128	61065	45.052	ug/L 100
25) Chloroform	4.40	83	239488	48.762	ug/L 100
27) 1,2-Dichloroethane	5.15	62	200580	51.589	ug/L 100
29) Cyclohexane	4.70	56	174331	51.181	ug/L 100
30) 1,1,1-Trichloroethane	4.63	97	198401	50.393	ug/L 100
31) Carbon tetrachloride	4.85	117	164588	49.044	ug/L 100
33) Benzene	5.12	78	482808	49.969	ug/L 100
34) Trichloroethene	5.94	95	128342	47.622	ug/L 100
35) Methylcyclohexane	6.15	83	159450	50.197	ug/L 100
37) 1,2-Dichloropropane	6.19	63	144778	53.221	ug/L 100
38) Bromodichloromethane	6.53	83	185011	51.620	ug/L 100
39) cis-1,3-Dichloropropene	7.05	75	209623	52.856	ug/L 100
40) 4-Methyl-2-pentanone	7.24	43	446538	115.389	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	494228	49.605	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	208361	52.812	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	126497	50.488	ug/L	100
46) Tetrachloroethene	7.99	164	79880	43.726	ug/L	100
48) 2-Hexanone	8.15	43	356694	116.232	ug/L	100
49) Dibromochloromethane	8.26	129	132952	48.565	ug/L	100
50) 1,2-Dibromoethane	8.37	107	125148	47.616	ug/L	100
51) Chlorobenzene	8.90	112	308074	46.939	ug/L	100
52) Ethylbenzene	9.03	91	534933	49.883	ug/L	100
53) m,p-Xylene	9.16	106	189451	48.206	ug/L	100
54) o-xylene	9.56	106	187708	49.076	ug/L	100
55) Styrene	9.58	104	347147	50.585	ug/L	100
56) Isopropylbenzene	9.95	105	508007	50.219	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	199582	51.866	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	176991	50.308	ug/L	100
61) Bromoform	9.75	173	95211	50.683	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	241530	50.494	ug/L	100
63) 1,4-Dichlorobenzene	11.29	146	248822	49.551	ug/L	100
65) 1,2-Dichlorobenzene	11.66	146	248323	50.458	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.45	75	48192	55.210	ug/L	100
67) 1,3,5-Trichlorobenzene	12.67	180	179415	51.153	ug/L	100
68) 1,2,4-trichlorobenzene	13.28	180	161343	52.098	ug/L	100
69) Naphthalene	13.52	128	428438	54.368	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	168502	52.191	ug/L	100

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

