

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102920\
 Data File : VV019149.D
 Acq On : 29 Oct 2020 15:16
 Operator : SY/MD
 Sample : VSTD10065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10065

Quant Time: Oct 29 14:48:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM102920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 29 15:07:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	244222	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	238167	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	132550	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	192909	89.06	ug/L	0.00
7) Chloroethane-d5	1.58	69	145368	84.06	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	365704	90.10	ug/L	0.00
21) 2-Butanone-d5	3.91	46	245600	171.05	ug/L	0.00
24) Chloroform-d	4.37	84	362234	94.51	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.05	65	248396	96.00	ug/L	0.00
32) Benzene-d6	5.07	84	677388	94.57	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	199314	87.24	ug/L	0.00
41) Toluene-d8	7.33	98	658774	101.71	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	121369	100.81	ug/L	0.00
47) 2-Hexanone-d5	8.10	63	189777	191.12	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.23	84	271980	88.88	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	275327	98.93	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	209507	108.019	ug/L	99
3) Chloromethane	1.25	50	180998	80.154	ug/L	100
5) Vinyl chloride	1.32	62	192365	85.390	ug/L	98
6) Bromomethane	1.53	94	126874	96.073	ug/L	97
8) Chloroethane	1.60	64	119715	85.049	ug/L	100
9) Trichlorofluoromethane	1.76	101	324708	104.702	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	154217	95.647	ug/L	100
12) 1,1-Dichloroethene	2.13	96	152257	94.606	ug/L	91
13) Acetone	2.19	43	189417	186.271	ug/L	99
14) Carbon disulfide	2.31	76	480310	91.127	ug/L	100
15) Methyl Acetate	2.45	43	171046	84.209	ug/L	100
16) Methylene chloride	2.52	84	166317	89.395	ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	162074	95.203	ug/L	98
18) Methyl tert-butyl Ether	2.78	73	551165	99.552	ug/L	99
19) 1,1-Dichloroethane	3.21	63	296647	87.435	ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	175530	95.910	ug/L	98
22) 2-Butanone	3.99	43	247320	183.484	ug/L	98
23) Bromochloromethane	4.27	128	93950	100.265	ug/L	97
25) Chloroform	4.40	83	322954	95.077	ug/L	99
27) 1,2-Dichloroethane	5.15	62	278858	98.764	ug/L	100
29) Cyclohexane	4.70	56	267870	96.819	ug/L	100
30) 1,1,1-Trichloroethane	4.63	97	309882	103.524	ug/L	100
31) Carbon tetrachloride	4.85	117	281699	107.236	ug/L	99
33) Benzene	5.12	78	662891	92.923	ug/L	100
34) Trichloroethene	5.94	95	176096	95.986	ug/L	98
35) Methylcyclohexane	6.15	83	257407	102.816	ug/L	100
37) 1,2-Dichloropropane	6.20	63	165595	85.498	ug/L	99
38) Bromodichloromethane	6.53	83	246666	97.843	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	286541	98.107	ug/L	98
40) 4-Methyl-2-pentanone	7.24	43	474939	182.220	ug/L	99

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42) Toluene	7.41	91	738931	99.467	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	296605	101.867	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	162914	92.959	ug/L	99
46) Tetrachloroethene	8.00	164	154330	107.377	ug/L	99
48) 2-Hexanone	8.16	43	372151	185.025	ug/L	99
49) Dibromochloromethane	8.27	129	202601	104.333	ug/L	99
50) 1,2-Dibromoethane	8.37	107	175591	96.026	ug/L	99
51) Chlorobenzene	8.90	112	472221	98.626	ug/L	100
52) Ethylbenzene	9.03	91	830155	103.284	ug/L	100
53) m,p-Xylene	9.16	106	313573	105.804	ug/L	99
54) o-xylene	9.56	106	304970	106.896	ug/L	99
55) Styrene	9.58	104	543080	107.372	ug/L	99
56) Isopropylbenzene	9.95	105	826941	109.684	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	250761	88.480	ug/L	100
59) 1,2,3-Trichloropropane	10.29	75	212106	92.251	ug/L	98
61) Bromoform	9.75	173	160780	107.024	ug/L	99
62) 1,3-Dichlorobenzene	11.20	146	406276	102.053	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	411212	98.823	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	399483	99.604	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	69080	98.954	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	301021	108.397	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	292707	111.962	ug/L	99
69) Naphthalene	13.52	128	882372	112.274	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	288298	109.719	ug/L	99

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

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