

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV122820\
 Data File : VV019843.D
 Acq On : 28 Dec 2020 11:07
 Operator : SY/MD
 Sample : VSTD00561
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00561

Manual Integrations
 APPROVED

MMDadoda
 12/29/2020 11:33:07 AM

Quant Time: Dec 28 12:24:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM122820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 28 12:18:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	595326	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	562257	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	274000	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	21658	5.03	ug/L	0.00
7) Chloroethane-d5	1.57	69	17909	5.28	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.11	63	42695	5.35	ug/L	0.00
21) 2-Butanone-d5	3.91	46	31033	12.18	ug/L	0.02
24) Chloroform-d	4.35	84	41987	5.36	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.04	65	26467	5.16	ug/L	0.00
32) Benzene-d6	5.06	84	76295	5.04	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.08	67	26100	5.47	ug/L	0.00
41) Toluene-d8	7.32	98	66001	4.86	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.63	79	11855	4.46	ug/L	0.00
47) 2-Hexanone-d5	8.10	63	16256	8.29	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.22	84	31355	4.83	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.63	152	24890	4.86	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.13	85	23474	5.029 ug/L	100
3) Chloromethane	1.24	50	29014	5.626 ug/L	100
5) Vinyl chloride	1.31	62	27504	5.363 ug/L	99
6) Bromomethane	1.52	94	17090	5.573 ug/L	95
8) Chloroethane	1.59	64	17394	5.588 ug/L	99
9) Trichlorofluoromethane	1.76	101	33689	5.425 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	19037	5.541 ug/L	98
12) 1,1-Dichloroethene	2.12	96	19130	5.399 ug/L	81
13) Acetone	2.19	43	29168	13.778 ug/L	97
14) Carbon disulfide	2.30	76	61418	5.313 ug/L	100
15) Methyl Acetate	2.44	43	26330	5.857 ug/L	97
16) Methylene chloride	2.51	84	24489	5.779 ug/L	95
17) trans-1,2-Dichloroethene	2.77	96	20613	5.281 ug/L	95
18) Methyl tert-butyl Ether	2.77	73	69525	5.115 ug/L	99
19) 1,1-Dichloroethane	3.20	63	42843	5.603 ug/L	96
20) cis-1,2-Dichloroethene	3.92	96	22503	5.252 ug/L	98
22) 2-Butanone	4.00	43	35885m	11.763 ug/L	
23) Bromochloromethane	4.25	128	11308	5.353 ug/L	93
25) Chloroform	4.38	83	41830	5.483 ug/L	96
27) 1,2-Dichloroethane	5.14	62	33728	5.329 ug/L	97
29) Cyclohexane	4.68	56	34393	5.050 ug/L #	89
30) 1,1,1-Trichloroethane	4.61	97	36207	5.179 ug/L	98
31) Carbon tetrachloride	4.84	117	29294	4.998 ug/L	99
33) Benzene	5.11	78	85954	5.192 ug/L	100
34) Trichloroethene	5.92	95	24169	5.562 ug/L	97
35) Methylcyclohexane	6.14	83	34170	5.220 ug/L	98
37) 1,2-Dichloropropane	6.18	63	22285	5.128 ug/L	98
38) Bromodichloromethane	6.52	83	29958	4.994 ug/L	99
39) cis-1,3-Dichloropropene	7.04	75	33555	4.704 ug/L	96
40) 4-Methyl-2-pentanone	7.23	43	66768	10.443 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.40	91	86109	4.967	ug/L	95
44) trans-1,3-Dichloropropene	7.66	75	32505	4.538	ug/L	99
45) 1,1,2-Trichloroethane	7.85	97	21198	5.170	ug/L	99
46) Tetrachloroethene	7.98	164	15722	5.290	ug/L	98
48) 2-Hexanone	8.15	43	48957	9.994	ug/L	95
49) Dibromochloromethane	8.25	129	20921	4.734	ug/L	97
50) 1,2-Dibromoethane	8.36	107	22215	5.164	ug/L	98
51) Chlorobenzene	8.89	112	56055	5.079	ug/L	96
52) Ethylbenzene	9.02	91	97864	4.985	ug/L	100
53) m,p-Xylene	9.14	106	34151	4.679	ug/L	97
54) o-xylene	9.55	106	33439	4.677	ug/L	96
55) Styrene	9.57	104	55329	4.426	ug/L	100
56) Isopropylbenzene	9.94	105	91368	4.800	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.25	83	32219	4.860	ug/L	99
59) 1,2,3-Trichloropropane	10.28	75	30507	5.597	ug/L	99
61) Bromoform	9.74	173	13128	4.431	ug/L	97
62) 1,3-Dichlorobenzene	11.19	146	40951	4.943	ug/L	98
63) 1,4-Dichlorobenzene	11.28	146	43596	5.191	ug/L	99
65) 1,2-Dichlorobenzene	11.65	146	42393	5.159	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.44	75	7076	4.112	ug/L	90
67) 1,3,5-Trichlorobenzene	12.66	180	28822	4.901	ug/L	99
68) 1,2,4-trichlorobenzene	13.27	180	23551	4.317	ug/L	99
69) Naphthalene	13.51	128	61545	3.270	ug/L	99
70) 1,2,3-Trichlorobenzene	13.76	180	22697	4.256	ug/L	99

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

