

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120720\
 Data File : VV019486.D
 Acq On : 07 Dec 2020 12:04
 Operator : SY/MD
 Sample : VSTD00565
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00565

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:52:39 AM

Quant Time: Dec 07 13:47:42 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	337472	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	330278	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155662	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	9452	2.98	ug/L	0.00
7) Chloroethane-d5	1.58	69	9775	3.75	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	23012	3.95	ug/L	0.00
21) 2-Butanone-d5	3.92	46	13196m	6.69	ug/L	0.03
24) Chloroform-d	4.37	84	22746	4.23	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	14512	4.10	ug/L	0.00
32) Benzene-d6	5.07	84	41990	4.32	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	14762	4.55	ug/L	0.00
41) Toluene-d8	7.34	98	32506	3.76	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	6114	3.93	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	5196	4.30	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.23	84	15469	3.73	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	13408	4.48	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	7496	2.994 ug/L	93
3) Chloromethane	1.25	50	7755	2.359 ug/L	90
5) Vinyl chloride	1.32	62	9088	2.787 ug/L	99
6) Bromomethane	1.53	94	8002	3.753 ug/L	99
8) Chloroethane	1.60	64	7678	3.647 ug/L	98
9) Trichlorofluoromethane	1.76	101	16020	3.810 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	9303	4.059 ug/L	95
12) 1,1-Dichloroethene	2.13	96	8816	3.766 ug/L	94
13) Acetone	2.18	43	20864	12.618 ug/L	96
14) Carbon disulfide	2.31	76	25608	3.812 ug/L	97
15) Methyl Acetate	2.45	43	12989	4.052 ug/L	99
16) Methylene chloride	2.52	84	13235	4.726 ug/L	92
17) trans-1,2-Dichloroethene	2.78	96	9839	4.152 ug/L	94
18) Methyl tert-butyl Ether	2.78	73	32584	4.195 ug/L	98
19) 1,1-Dichloroethane	3.21	63	22965	4.602 ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	11008	4.187 ug/L	96
22) 2-Butanone	4.00	43	18340	8.565 ug/L	86
23) Bromochloromethane	4.27	128	5395	3.901 ug/L	94
25) Chloroform	4.40	83	22895	4.569 ug/L	100
27) 1,2-Dichloroethane	5.15	62	17637	4.446 ug/L #	95
29) Cyclohexane	4.69	56	14725	4.256 ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	18849	4.714 ug/L	99
31) Carbon tetrachloride	4.85	117	15529	4.556 ug/L	98
33) Benzene	5.12	78	42943	4.376 ug/L	100
34) Trichloroethene	5.94	95	13577	4.960 ug/L	96
35) Methylcyclohexane	6.15	83	14174	4.393 ug/L	99
37) 1,2-Dichloropropane	6.19	63	12384	4.482 ug/L #	97
38) Bromodichloromethane	6.53	83	16285	4.473 ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	15249	3.786 ug/L	94
40) 4-Methyl-2-pentanone	7.24	43	31120	7.917 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.41	91	40135	3.966	ug/L	100
44) trans-1,3-Dichloropropene	7.67	75	16136	4.027	ug/L	95
45) 1,1,2-Trichloroethane	7.86	97	11554	4.540	ug/L	98
46) Tetrachloroethene	7.99	164	7418	3.998	ug/L	95
48) 2-Hexanone	8.16	43	26847	8.613	ug/L	91
49) Dibromochloromethane	8.27	129	11274	4.055	ug/L	98
50) 1,2-Dibromoethane	8.37	107	11157	4.179	ug/L #	94
51) Chlorobenzene	8.90	112	29141	4.371	ug/L	96
52) Ethylbenzene	9.03	91	42708	3.921	ug/L	96
53) m,p-Xylene	9.16	106	15047	3.770	ug/L	85
54) o-xylene	9.56	106	13889	3.575	ug/L	98
55) Styrene	9.58	104	24004	3.444	ug/L	100
56) Isopropylbenzene	9.95	105	37175	3.618	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	15256	3.903	ug/L	98
59) 1,2,3-Trichloropropane	10.29	75	15791	4.419	ug/L	98
61) Bromoform	9.75	173	7488	4.214	ug/L #	95
62) 1,3-Dichlorobenzene	11.20	146	20430	4.516	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	23620	4.973	ug/L	98
65) 1,2-Dichlorobenzene	11.66	146	20793	4.467	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	3542	4.290	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	15443	4.655	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	11649	3.977	ug/L	95
69) Naphthalene	13.53	128	26497	3.555	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	12635	4.138	ug/L	93

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

