

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072120\
 Data File : VV017561.D
 Acq On : 21 Jul 2020 13:29
 Operator : SY/MD
 Sample : VSTD00566
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00566

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 2:17:29 PM

Quant Time: Jul 22 02:45:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM072120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 22 02:35:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	346826	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	326739	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	171241	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	11100	5.66	ug/L	0.00
7) Chloroethane-d5	1.58	69	8552	5.51	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	22614	4.86	ug/L	0.00
21) 2-Butanone-d5	3.93	46	15259m	10.44	ug/L	0.02
24) Chloroform-d	4.38	84	25139	5.53	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	18244	5.92	ug/L	0.00
32) Benzene-d6	5.08	84	45750	6.07	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	13584	6.04	ug/L	0.00
41) Toluene-d8	7.34	98	41814	5.86	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	7424	5.49	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	11157	10.69	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	19443	6.07	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	19277	5.97	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	19814	5.974 ug/L	97
3) Chloromethane	1.25	50	14938	5.640 ug/L	99
5) Vinyl chloride	1.32	62	13919	5.053 ug/L	98
6) Bromomethane	1.53	94	9302	5.264 ug/L	91
8) Chloroethane	1.60	64	8227	5.372 ug/L	97
9) Trichlorofluoromethane	1.77	101	22968	4.848 ug/L	94
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	11484	4.578 ug/L	98
12) 1,1-Dichloroethene	2.14	96	10248	4.517 ug/L	90
13) Acetone	2.19	43	19104	11.269 ug/L	97
14) Carbon disulfide	2.31	76	39753	6.078 ug/L	99
15) Methyl Acetate	2.45	43	12352	4.874 ug/L	94
16) Methylene chloride	2.52	84	14475	5.447 ug/L	94
17) trans-1,2-Dichloroethene	2.78	96	13794	5.959 ug/L	95
18) Methyl tert-butyl Ether	2.78	73	44183	5.426 ug/L	98
19) 1,1-Dichloroethane	3.21	63	23191	5.417 ug/L	100
20) cis-1,2-Dichloroethene	3.94	96	14245	5.668 ug/L	96
22) 2-Butanone	4.01	43	18168m	11.161 ug/L	
23) Bromochloromethane	4.28	128	8037	5.765 ug/L	93
25) Chloroform	4.40	83	24960	5.276 ug/L	99
27) 1,2-Dichloroethane	5.16	62	21917	5.420 ug/L	98
29) Cyclohexane	4.71	56	21167	6.394 ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	23816	5.397 ug/L	97
31) Carbon tetrachloride	4.85	117	21201	5.251 ug/L	99
33) Benzene	5.12	78	51149	5.862 ug/L	100
34) Trichloroethene	5.94	95	14332	5.974 ug/L	99
35) Methylcyclohexane	6.15	83	21547	6.003 ug/L	100
37) 1,2-Dichloropropane	6.20	63	13290	5.986 ug/L	# 95
38) Bromodichloromethane	6.53	83	18578	5.295 ug/L	95
39) cis-1,3-Dichloropropene	7.05	75	21917	5.909 ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	34648	11.266 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	55234	5.740	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	20671	5.336	ug/L	90
45) 1,1,2-Trichloroethane	7.86	97	13270	5.581	ug/L	98
46) Tetrachloroethene	7.99	164	11798	5.659	ug/L	98
48) 2-Hexanone	8.16	43	26884	10.960	ug/L	98
49) Dibromochloromethane	8.27	129	15689	5.305	ug/L	95
50) 1,2-Dibromoethane	8.38	107	14397	5.565	ug/L	90
51) Chlorobenzene	8.90	112	38068	5.679	ug/L	99
52) Ethylbenzene	9.03	91	60777	5.403	ug/L	99
53) m,p-Xylene	9.16	106	22954	5.466	ug/L	97
54) o-xylene	9.57	106	22873	5.606	ug/L	95
55) Styrene	9.58	104	37577	5.403	ug/L	99
56) Isopropylbenzene	9.95	105	59634	5.419	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.26	83	20940	5.870	ug/L	92
59) 1,2,3-Trichloropropane	10.30	75	17654	5.816	ug/L	96
61) Bromoform	9.75	173	11784	5.364	ug/L #	97
62) 1,3-Dichlorobenzene	11.20	146	30978	5.660	ug/L	99
63) 1,4-Dichlorobenzene	11.29	146	33330	5.855	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	31685	5.594	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	5154	5.014	ug/L	98
67) 1,3,5-Trichlorobenzene	12.67	180	24943	5.720	ug/L	99
68) 1,2,4-trichlorobenzene	13.28	180	21879	5.607	ug/L	96
69) Naphthalene	13.53	128	55714	5.060	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	21969	5.655	ug/L	98

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

