

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092320\
 Data File : VV018403.D
 Acq On : 23 Sep 2020 10:16
 Operator : SY/MD
 Sample : VSTD00565
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005301

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 1:22:38 PM

Quant Time: Sep 24 07:26:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM092320W.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 24 07:11:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	272298	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	273001	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	141527	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	8541	4.92	ug/L	0.00
7) Chloroethane-d5	1.58	69	7335	4.92	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	17995	5.00	ug/L	0.00
21) 2-Butanone-d5	3.94	46	10287	8.02	ug/L	0.02
24) Chloroform-d	4.37	84	17639	4.85	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	10772	4.64	ug/L	0.00
32) Benzene-d6	5.08	84	31205	4.34	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	10531	4.61	ug/L	0.00
41) Toluene-d8	7.34	98	27340	4.05	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	4803	4.08	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	4867	5.29	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	10.24	84	12221	4.10	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.65	152	12997	4.82	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	10804	5.431 ug/L	99
3) Chloromethane	1.25	50	11926	5.445 ug/L	99
5) Vinyl chloride	1.32	62	12044	5.346 ug/L	98
6) Bromomethane	1.53	94	7541	5.325 ug/L	99
8) Chloroethane	1.60	64	7885	5.542 ug/L	100
9) Trichlorofluoromethane	1.77	101	17012	5.279 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	10668	5.400 ug/L	96
12) 1,1-Dichloroethene	2.13	96	9938	5.329 ug/L	93
13) Acetone	2.20	43	18474	11.943 ug/L	97
14) Carbon disulfide	2.31	76	27673	5.179 ug/L	100
15) Methyl Acetate	2.45	43	10615	5.353 ug/L	98
16) Methylene chloride	2.52	84	11684	5.697 ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	9508	4.944 ug/L	95
18) Methyl tert-butyl Ether	2.78	73	28772	4.867 ug/L	98
19) 1,1-Dichloroethane	3.21	63	19189	5.242 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	9711	4.689 ug/L	90
22) 2-Butanone	4.02	43	13269m	8.013 ug/L	
23) Bromochloromethane	4.28	128	5579	5.088 ug/L	99
25) Chloroform	4.40	83	19205	5.154 ug/L	98
27) 1,2-Dichloroethane	5.16	62	15040	5.219 ug/L	97
29) Cyclohexane	4.70	56	14131	4.255 ug/L	99
30) 1,1,1-Trichloroethane	4.63	97	16983	5.089 ug/L	99
31) Carbon tetrachloride	4.85	117	14686	5.061 ug/L	98
33) Benzene	5.13	78	40159	4.904 ug/L	100
34) Trichloroethene	5.94	95	11944	5.469 ug/L	98
35) Methylcyclohexane	6.15	83	14344	4.160 ug/L	97
37) 1,2-Dichloropropane	6.20	63	10421	4.708 ug/L	97
38) Bromodichloromethane	6.53	83	14161	5.065 ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	13503	4.027 ug/L	96
40) 4-Methyl-2-pentanone	7.25	43	21817	8.258 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	38898	4.388	ug/L	98
44) trans-1,3-Dichloropropene	7.68	75	14021	4.232	ug/L	95
45) 1,1,2-Trichloroethane	7.86	97	10011	4.927	ug/L	99
46) Tetrachloroethene	8.00	164	8688	4.907	ug/L	98
48) 2-Hexanone	8.16	43	18960	8.302	ug/L	93
49) Dibromochloromethane	8.27	129	10760	4.728	ug/L	99
50) 1,2-Dibromoethane	8.37	107	10391	4.899	ug/L	99
51) Chlorobenzene	8.90	112	28698	5.035	ug/L	95
52) Ethylbenzene	9.03	91	42583	4.375	ug/L	98
53) m,p-Xylene	9.16	106	15403	4.181	ug/L	98
54) o-Xylene	9.56	106	14615	4.135	ug/L	91
55) Styrene	9.58	104	24242	3.835	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.26	83	13457	4.474	ug/L	99
59) Bromoform	9.75	173	7514	4.835	ug/L #	92
60) Isopropylbenzene	9.95	105	39129	4.328	ug/L	100
61) 1,2,3-Trichloropropane	10.30	75	12658	5.323	ug/L	100
62) 1,3,5-Trimethylbenzene	10.56	105	28562	3.772	ug/L	100
63) 1,2,4-Trimethylbenzene	10.94	105	28983	3.719	ug/L	100
64) 1,3-Dichlorobenzene	11.20	146	21493	4.828	ug/L	98
65) 1,4-Dichlorobenzene	11.29	146	24166	5.281	ug/L	98
67) 1,2-Dichlorobenzene	11.67	146	22267	5.025	ug/L	97
68) 1,2-Dibromo-3-chloropropan	12.45	75	2668	4.325	ug/L	91
69) 1,3,5-Trichlorobenzene	12.67	180	16373	4.661	ug/L	98
70) 1,2,4-trichlorobenzene	13.29	180	13375	4.152	ug/L	97
71) Naphthalene	13.53	128	27803	3.208	ug/L	99
72) 1,2,3-Trichlorobenzene	13.77	180	13366	4.161	ug/L	99

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

