

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090119\
 Data File : VV012502.D
 Acq On : 01 Sep 2019 11:46
 Operator : SY/MD
 Sample : VSTD00562
 Misc : 5mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00562

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 4:03:42 PM

Quant Time: Sep 02 02:58:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Sep 02 02:48:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	301327	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	290746	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	120775	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	9851	4.81	ug/L	0.00
7) Chloroethane-d5	1.58	69	10426	4.61	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.14	63	26300	4.75	ug/L	0.00
21) 2-Butanone-d5	3.96	46	14488m	8.76	ug/L	0.03
24) Chloroform-d	4.41	84	19852m	4.77	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.08	65	12355	4.62	ug/L	0.00
32) Benzene-d6	5.10	84	31384	4.42	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.12	67	12002	4.81	ug/L	0.00
41) Toluene-d8	7.36	98	26983	4.05	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.67	79	4741	4.09	ug/L	0.00
47) 2-Hexanone-d5	8.14	63	6759m	6.85	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.26	84	15542	4.40	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.67	152	11042	4.60	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	12476	5.166 ug/L	97
3) Chloromethane	1.25	50	16328	5.288 ug/L	92
5) Vinyl chloride	1.32	62	16911	5.245 ug/L	99
6) Bromomethane	1.54	94	11091	4.244 ug/L	96
8) Chloroethane	1.60	64	11832	5.002 ug/L	95
9) Trichlorofluoromethane	1.77	101	23887	4.889 ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	14557	5.159 ug/L	97
12) 1,1-Dichloroethene	2.14	96	13144	4.834 ug/L	92
13) Acetone	2.20	43	18223	10.340 ug/L	99
14) Carbon disulfide	2.32	76	28541	4.860 ug/L	99
15) Methyl Acetate	2.47	43	12256	4.742 ug/L	94
16) Methylene chloride	2.54	84	11866	5.048 ug/L	91
17) trans-1,2-Dichloroethene	2.79	96	10214	4.820 ug/L	90
18) Methyl tert-butyl Ether	2.81	73	28189	4.232 ug/L #	95
19) 1,1-Dichloroethane	3.23	63	20589	4.796 ug/L	93
20) cis-1,2-Dichloroethene	3.96	96	10978	4.686 ug/L	89
22) 2-Butanone	4.04	43	17424m	9.073 ug/L	
23) Bromochloromethane	4.30	128	6143	5.459 ug/L	86
25) Chloroform	4.43	83	22050	5.051 ug/L	94
27) 1,2-Dichloroethane	5.18	62	17546	4.804 ug/L	95
29) Cyclohexane	4.73	56	15156	4.188 ug/L	97
30) 1,1,1-Trichloroethane	4.66	97	16298	4.664 ug/L	96
31) Carbon tetrachloride	4.88	117	14796	4.980 ug/L	96
33) Benzene	5.15	78	42887	4.737 ug/L	100
34) Trichloroethene	5.96	95	12831	5.133 ug/L	95
35) Methylcyclohexane	6.18	83	14777	4.075 ug/L	94
37) 1,2-Dichloropropane	6.22	63	11962	4.905 ug/L	99
38) Bromodichloromethane	6.56	83	15210	4.731 ug/L #	93
39) cis-1,3-Dichloropropene	7.07	75	13765	3.938 ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	26777	7.846 ug/L	94

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

42) Toluene	7.43	91	39888	4.196	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	11675	3.691	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	10969	4.976	ug/L	94
46) Tetrachloroethene	8.02	164	7837	4.659	ug/L	98
48) 2-Hexanone	8.20	43	19925	7.456	ug/L #	86
49) Dibromochloromethane	8.29	129	10123	4.379	ug/L	94
50) 1,2-Dibromoethane	8.40	107	10121	4.439	ug/L	95
51) Chlorobenzene	8.93	112	27859	4.668	ug/L	96
52) Ethylbenzene	9.05	91	42998	4.174	ug/L	99
53) m,p-Xylene	9.18	106	14159	3.827	ug/L	95
54) o-xylene	9.59	106	13525	3.664	ug/L	92
55) Styrene	9.60	104	22736	3.637	ug/L	99
56) Isopropylbenzene	9.97	105	36204	3.761	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.29	83	14583	4.461	ug/L	92
59) 1,2,3-Trichloropropane	10.32	75	13822	4.675	ug/L	100
61) Bromoform	9.78	173	6660	5.025	ug/L #	97
62) 1,3-Dichlorobenzene	11.22	146	17411	4.565	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	19529	4.948	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	18759	4.864	ug/L	95
66) 1,2-Dibromo-3-chloropropan	12.47	75	3637	5.596	ug/L	86
67) 1,3,5-Trichlorobenzene	12.69	180	11372	4.464	ug/L	94
68) 1,2,4-trichlorobenzene	13.31	180	7222	3.447	ug/L	96
69) Naphthalene	13.55	128	14795	2.259	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	7391	3.428	ug/L	97

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

