

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032320\
 Data File : VV015104.D
 Acq On : 23 Mar 2020 22:45
 Operator : SY/MD
 Sample : VSTD00566
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00566

Manual Integrations
 APPROVED

apatel
 3/24/2020 8:47:15 PM

Quant Time: Mar 24 02:41:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 24 02:29:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	709477	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	643897	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	287912	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	35180	5.37	ug/L	0.00
7) Chloroethane-d5	1.58	69	31220m	5.67	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	57952	5.30	ug/L	0.00
21) 2-Butanone-d5	3.96	46	40180	9.41	ug/L	0.03
24) Chloroform-d	4.38	84	51094	5.16	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	32624	5.17	ug/L	0.00
32) Benzene-d6	5.08	84	104621	5.36	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	35007	5.48	ug/L	0.00
41) Toluene-d8	7.34	98	97071	5.37	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	18510	5.49	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	33691	10.51	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	48304	5.40	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	36707	5.71	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	29426	5.467 ug/L	98
3) Chloromethane	1.25	50	40256	5.649 ug/L	97
5) Vinyl chloride	1.32	62	36768	5.436 ug/L	96
6) Bromomethane	1.53	94	21255	5.138 ug/L	93
8) Chloroethane	1.60	64	33135	6.380 ug/L	98
9) Trichlorofluoromethane	1.77	101	43667	5.122 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	23118	5.411 ug/L	100
12) 1,1-Dichloroethene	2.13	96	25186	5.479 ug/L	96
13) Acetone	2.22	43	54605m	16.984 ug/L	
14) Carbon disulfide	2.31	76	63132	5.346 ug/L	99
15) Methyl Acetate	2.47	43	27578	4.613 ug/L	95
16) Methylene chloride	2.52	84	29696	5.460 ug/L	92
17) trans-1,2-Dichloroethene	2.78	96	24657	5.401 ug/L	89
18) Methyl tert-butyl Ether	2.79	73	93108	5.340 ug/L	98
19) 1,1-Dichloroethane	3.22	63	48245	5.176 ug/L #	93
20) cis-1,2-Dichloroethene	3.95	96	28496	5.287 ug/L #	92
22) 2-Butanone	4.05	43	56263m	12.014 ug/L	
23) Bromochloromethane	4.28	128	14165	5.289 ug/L	98
25) Chloroform	4.41	83	48090	5.179 ug/L	97
27) 1,2-Dichloroethane	5.16	62	39069	5.283 ug/L #	87
29) Cyclohexane	4.70	56	41067	5.730 ug/L	95
30) 1,1,1-Trichloroethane	4.64	97	41677	5.528 ug/L	99
31) Carbon tetrachloride	4.86	117	34939	5.496 ug/L	97
33) Benzene	5.13	78	103655	5.302 ug/L	100
34) Trichloroethene	5.94	95	25170	5.344 ug/L	96
35) Methylcyclohexane	6.16	83	37118	5.340 ug/L	93
37) 1,2-Dichloropropane	6.20	63	28271	5.367 ug/L #	96
38) Bromodichloromethane	6.54	83	38735	5.343 ug/L	90
39) cis-1,3-Dichloropropene	7.05	75	46382	5.387 ug/L	99
40) 4-Methyl-2-pentanone	7.26	43	88374	10.138 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	112469	5.400	ug/L	100
44) trans-1,3-Dichloropropene	7.68	75	40812	5.151	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	26727	5.318	ug/L	96
46) Tetrachloroethene	8.00	164	17282	5.263	ug/L	94
48) 2-Hexanone	8.17	43	65384	9.747	ug/L	98
49) Dibromochloromethane	8.27	129	30594	5.273	ug/L	97
50) 1,2-Dibromoethane	8.38	107	29876	5.411	ug/L	95
51) Chlorobenzene	8.90	112	72808	5.449	ug/L	98
52) Ethylbenzene	9.04	91	118538	5.218	ug/L	98
53) m,p-Xylene	9.16	106	44345	5.157	ug/L	99
54) o-xylene	9.57	106	47081	5.300	ug/L	99
55) Styrene	9.59	104	78315	5.098	ug/L	98
56) Isopropylbenzene	9.95	105	115069	5.248	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	45303	5.242	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	37048	5.305	ug/L	95
61) Bromoform	9.75	173	21486	5.446	ug/L	100
62) 1,3-Dichlorobenzene	11.21	146	52477	5.483	ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	54464	5.629	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	55245	5.539	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	13108	5.904	ug/L	94
67) 1,3,5-Trichlorobenzene	12.67	180	35137	5.358	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	32545	5.226	ug/L	98
69) Naphthalene	13.53	128	64188	5.216	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	33703	5.253	ug/L	96

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

