

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032520\
 Data File : VV015141.D
 Acq On : 25 Mar 2020 17:02
 Operator : SY/MD
 Sample : VSTD01062
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01062

Manual Integrations
 APPROVED

apatel
 3/26/2020 2:13:10 PM

Quant Time: Mar 25 17:24:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032520WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 25 15:58:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	613931	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	583889	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	268618	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57727	10.50	ug/L	0.00
7) Chloroethane-d5	1.58	69	50845	10.16	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	107250	9.94	ug/L	0.00
21) 2-Butanone-d5	3.95	46	70655m	19.54	ug/L	0.00
24) Chloroform-d	4.38	84	93513	10.29	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	60610	10.19	ug/L	0.00
32) Benzene-d6	5.08	84	182324	10.04	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	56480	9.71	ug/L	0.00
41) Toluene-d8	7.34	98	173502	10.00	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	32096	10.26	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	56625	19.73	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	84275	9.90	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	64693	9.90	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	50722	10.419 ug/L	97
3) Chloromethane	1.25	50	52627	9.961 ug/L	99
5) Vinyl chloride	1.32	62	53747	10.148 ug/L	96
6) Bromomethane	1.53	94	32689	9.488 ug/L	99
8) Chloroethane	1.60	64	39298	10.000 ug/L	96
9) Trichlorofluoromethane	1.76	101	82478	9.981 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	46717	10.666 ug/L	97
12) 1,1-Dichloroethene	2.13	96	43193	10.386 ug/L	86
13) Acetone	2.22	43	39885	21.192 ug/L	85
14) Carbon disulfide	2.31	76	109307	9.575 ug/L	98
15) Methyl Acetate	2.46	43	38607	9.274 ug/L	95
16) Methylene chloride	2.52	84	40923	9.966 ug/L	92
17) trans-1,2-Dichloroethene	2.78	96	36881	9.742 ug/L	97
18) Methyl tert-butyl Ether	2.79	73	123494	9.802 ug/L	98
19) 1,1-Dichloroethane	3.21	63	67930	9.881 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	40338	9.730 ug/L #	97
22) 2-Butanone	4.04	43	61819m	21.739 ug/L	
23) Bromochloromethane	4.28	128	20308	9.658 ug/L	95
25) Chloroform	4.40	83	70869	9.832 ug/L	92
27) 1,2-Dichloroethane	5.16	62	56173	10.166 ug/L	99
29) Cyclohexane	4.70	56	63641	10.133 ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	65604	10.032 ug/L	98
31) Carbon tetrachloride	4.85	117	55562	9.838 ug/L	99
33) Benzene	5.13	78	154909	10.101 ug/L	100
34) Trichloroethene	5.94	95	40655	9.955 ug/L	97
35) Methylcyclohexane	6.15	83	71463	10.541 ug/L	96
37) 1,2-Dichloropropane	6.20	63	37617	9.509 ug/L	99
38) Bromodichloromethane	6.53	83	54266	9.702 ug/L	96
39) cis-1,3-Dichloropropene	7.05	75	65339	9.824 ug/L	100
40) 4-Methyl-2-pentanone	7.25	43	116698	19.846 ug/L	97

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42) Toluene	7.41	91	167996	9.784	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	64714	9.860	ug/L	97
45) 1,1,2-Trichloroethane	7.86	97	38295	9.858	ug/L	95
46) Tetrachloroethene	8.00	164	27368	9.369	ug/L	90
48) 2-Hexanone	8.17	43	86880	19.556	ug/L	97
49) Dibromochloromethane	8.27	129	41995	9.555	ug/L	98
50) 1,2-Dibromoethane	8.37	107	41761	9.847	ug/L	91
51) Chlorobenzene	8.90	112	110692	9.937	ug/L	99
52) Ethylbenzene	9.03	91	190552	9.918	ug/L	99
53) m,p-Xylene	9.16	106	74820	9.939	ug/L	98
54) o-xylene	9.57	106	72578	9.795	ug/L	97
55) Styrene	9.58	104	124642	10.001	ug/L	96
56) Isopropylbenzene	9.95	105	192589	10.096	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	63020	9.659	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	51407	9.853	ug/L	99
61) Bromoform	9.75	173	26894	9.228	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	78770	9.766	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	83920	10.204	ug/L	100
65) 1,2-Dichlorobenzene	11.67	146	79954	9.740	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.45	75	17641	9.878	ug/L	93
67) 1,3,5-Trichlorobenzene	12.67	180	51024	9.389	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	48298	9.431	ug/L	98
69) Naphthalene	13.53	128	182303	9.235	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	48719	9.606	ug/L	97

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

