

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070820\
 Data File : VV017387.D
 Acq On : 08 Jul 2020 10:25
 Operator : SY/MD
 Sample : VSTD01065
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01065

Manual Integrations
 APPROVED

SAM
 7/9/2020 5:38:49 PM

Quant Time: Jul 09 01:24:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM070820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 09 01:14:34 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	308373	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	297117	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	154499	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	15268	7.48	ug/L	0.00
7) Chloroethane-d5	1.58	69	10779	8.63	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	34881	9.57	ug/L	0.00
21) 2-Butanone-d5	3.92	46	20020m	13.44	ug/L	0.02
24) Chloroform-d	4.38	84	34673	8.14	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	23386	8.03	ug/L	0.00
32) Benzene-d6	5.08	84	60704	7.50	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	18023	7.26	ug/L	0.00
41) Toluene-d8	7.34	98	56831	7.58	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	9325	7.01	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	12104	11.33	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	24670	7.45	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	24824	7.90	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	34720	13.359 ug/L	99
3) Chloromethane	1.25	50	25375	11.358 ug/L	95
5) Vinyl chloride	1.32	62	25245	11.496 ug/L	100
6) Bromomethane	1.53	94	12189	12.635 ug/L	97
8) Chloroethane	1.60	64	13256	12.182 ug/L	98
9) Trichlorofluoromethane	1.77	101	46673	13.390 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	21601	12.624 ug/L	98
12) 1,1-Dichloroethene	2.14	96	18832	11.938 ug/L	87
13) Acetone	2.19	43	31700	27.701 ug/L	98
14) Carbon disulfide	2.31	76	57624	10.426 ug/L	98
15) Methyl Acetate	2.45	43	19784	8.679 ug/L	96
16) Methylene chloride	2.52	84	23455	10.637 ug/L	94
17) trans-1,2-Dichloroethene	2.78	96	19920	9.637 ug/L	97
18) Methyl tert-butyl Ether	2.78	73	69407	10.169 ug/L	99
19) 1,1-Dichloroethane	3.21	63	39750	10.324 ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	21863	9.759 ug/L	97
22) 2-Butanone	4.00	43	27171	16.953 ug/L	# 71
23) Bromochloromethane	4.28	128	12416	10.407 ug/L	94
25) Chloroform	4.41	83	43717	10.843 ug/L	97
27) 1,2-Dichloroethane	5.16	62	37951	11.113 ug/L	98
29) Cyclohexane	4.71	56	32029	8.999 ug/L	97
30) 1,1,1-Trichloroethane	4.64	97	43267	11.287 ug/L	# 73
31) Carbon tetrachloride	4.86	117	38831	11.594 ug/L	98
33) Benzene	5.13	78	82435	9.621 ug/L	100
34) Trichloroethene	5.94	95	24324	10.415 ug/L	99
35) Methylcyclohexane	6.15	83	33579	9.212 ug/L	96
37) 1,2-Dichloropropane	6.20	63	20719	9.414 ug/L	98
38) Bromodichloromethane	6.53	83	32616	10.756 ug/L	94
39) cis-1,3-Dichloropropene	7.05	75	31330	8.987 ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	53747	17.411 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	89203	9.770	ug/L	96
44) trans-1,3-Dichloropropene	7.68	75	32847	9.611	ug/L	95
45) 1,1,2-Trichloroethane	7.86	97	21645	10.012	ug/L	97
46) Tetrachloroethene	8.00	164	20070	10.784	ug/L	98
48) 2-Hexanone	8.16	43	43452	17.904	ug/L	98
49) Dibromochloromethane	8.27	129	26319	11.037	ug/L	98
50) 1,2-Dibromoethane	8.38	107	23672	10.376	ug/L	93
51) Chlorobenzene	8.90	112	62379	10.406	ug/L	97
52) Ethylbenzene	9.04	91	101100	9.971	ug/L	99
53) m,p-Xylene	9.16	106	38983	10.298	ug/L	99
54) o-xylene	9.57	106	36248	9.717	ug/L	97
55) Styrene	9.58	104	62078	9.816	ug/L	99
56) Isopropylbenzene	9.95	105	98782	9.818	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	32330	9.822	ug/L	97
59) 1,2,3-Trichloropropane	10.30	75	28008	10.078	ug/L	100
61) Bromoform	9.75	173	18795	11.573	ug/L	97
62) 1,3-Dichlorobenzene	11.20	146	50354	10.380	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	51127	10.396	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	50968	10.539	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	8181	10.634	ug/L	83
67) 1,3,5-Trichlorobenzene	12.67	180	37939	10.413	ug/L	95
68) 1,2,4-trichlorobenzene	13.29	180	30352	9.169	ug/L	99
69) Naphthalene	13.53	128	80215	8.469	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	31738	9.700	ug/L	98

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

