

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
 Data File : VV015327.D
 Acq On : 01 Apr 2020 10:45
 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
 4/2/2020 4:26:04 PM

Quant Time: Apr 02 01:57:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 02 01:39:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	528893	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	499413	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	222418	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	26549	5.60	ug/L	0.00
7) Chloroethane-d5	1.58	69	23329	5.76	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	46042	5.43	ug/L	0.00
21) 2-Butanone-d5	3.95	46	27214m	10.75	ug/L	0.03
24) Chloroform-d	4.38	84	43545	5.56	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	27175	5.57	ug/L	0.00
32) Benzene-d6	5.08	84	88773	5.77	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	25130	5.54	ug/L	0.00
41) Toluene-d8	7.34	98	81869	5.57	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	14151	5.65	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	21596	10.43	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	34231	5.31	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	29112	5.75	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	24052	5.029 ug/L	97
3) Chloromethane	1.25	50	23977	5.319 ug/L	98
5) Vinyl chloride	1.32	62	25360	5.371 ug/L	95
6) Bromomethane	1.53	94	16458	5.273 ug/L	98
8) Chloroethane	1.60	64	17976	5.542 ug/L	99
9) Trichlorofluoromethane	1.77	101	43488	4.872 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	20512	5.142 ug/L	96
12) 1,1-Dichloroethene	2.13	96	19358	5.069 ug/L	88
13) Acetone	2.21	43	16551	10.004 ug/L	75
14) Carbon disulfide	2.31	76	52985	5.061 ug/L	98
15) Methyl Acetate	2.46	43	17506m	4.800 ug/L	
16) Methylene chloride	2.53	84	20997	5.245 ug/L	95
17) trans-1,2-Dichloroethene	2.78	96	18124	5.015 ug/L	94
18) Methyl tert-butyl Ether	2.79	73	58690	4.927 ug/L	96
19) 1,1-Dichloroethane	3.21	63	33588	5.109 ug/L	96
20) cis-1,2-Dichloroethene	3.95	96	21026	5.081 ug/L #	98
22) 2-Butanone	4.05	43	21889m	8.697 ug/L	
23) Bromochloromethane	4.28	128	10561	5.057 ug/L	89
25) Chloroform	4.41	83	37272	5.228 ug/L	99
27) 1,2-Dichloroethane	5.16	62	27334	5.090 ug/L	98
29) Cyclohexane	4.70	56	32157	5.412 ug/L	93
30) 1,1,1-Trichloroethane	4.64	97	33017	5.145 ug/L	97
31) Carbon tetrachloride	4.86	117	26988	4.919 ug/L	97
33) Benzene	5.13	78	73724	4.987 ug/L	100
34) Trichloroethene	5.94	95	19719	5.038 ug/L	97
35) Methylcyclohexane	6.16	83	32245	5.029 ug/L	95
37) 1,2-Dichloropropane	6.20	63	18584	5.123 ug/L	99
38) Bromodichloromethane	6.53	83	26788	5.037 ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	29440	4.829 ug/L	97
40) 4-Methyl-2-pentanone	7.26	43	49778	9.760 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	83443	5.079	ug/L	100
44) trans-1,3-Dichloropropene	7.68	75	28248	4.768	ug/L	99
45) 1,1,2-Trichloroethane	7.87	97	20286	5.303	ug/L	94
46) Tetrachloroethene	8.00	164	13587	4.842	ug/L	92
48) 2-Hexanone	8.17	43	35703	9.245	ug/L	98
49) Dibromochloromethane	8.27	129	20078	4.792	ug/L	96
50) 1,2-Dibromoethane	8.38	107	19684	4.820	ug/L #	94
51) Chlorobenzene	8.90	112	54467	5.059	ug/L	96
52) Ethylbenzene	9.04	91	90847	4.927	ug/L	99
53) m,p-Xylene	9.16	106	34168	4.812	ug/L	95
54) o-xylene	9.57	106	35816	5.036	ug/L	91
55) Styrene	9.59	104	56551	4.782	ug/L	99
56) Isopropylbenzene	9.95	105	89316	4.848	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.26	83	31837	5.184	ug/L #	95
59) 1,2,3-Trichloropropane	10.30	75	25541	5.214	ug/L	95
61) Bromoform	9.75	173	10989	4.423	ug/L	93
62) 1,3-Dichlorobenzene	11.21	146	37442	5.000	ug/L	96
63) 1,4-Dichlorobenzene	11.30	146	39749	5.234	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	38821	5.083	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.45	75	8218	5.449	ug/L	92
67) 1,3,5-Trichlorobenzene	12.67	180	23679	4.772	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	20833	4.596	ug/L	97
69) Naphthalene	13.53	128	82658	4.770	ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	21827	4.675	ug/L	99

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

