

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
 Data File : VV015330.D
 Acq On : 01 Apr 2020 11:58
 Operator : SY/MD
 Sample : VSTD10063
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD10063

Manual Integrations
 APPROVED

apatel
 4/2/2020 4:26:07 PM

Quant Time: Apr 02 02:13:44 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	719434	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	700647	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	348470	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	588832	91.28	ug/L	0.00
7) Chloroethane-d5	1.58	69	496023	90.01	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	1084851	94.09	ug/L	0.00
21) 2-Butanone-d5	3.93	46	673213m	195.42	ug/L	0.00
24) Chloroform-d	4.38	84	982482	92.25	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	605332	91.25	ug/L	0.00
32) Benzene-d6	5.08	84	1961692	90.92	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	587984	92.42	ug/L	0.00
41) Toluene-d8	7.34	98	1915664	92.84	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.64	79	329702	93.80	ug/L	0.00
47) 2-Hexanone-d5	8.11	63	556064	191.39	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	854083	94.36	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	716015	90.33	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	638884	98.199 ug/L	99
3) Chloromethane	1.25	50	584346	95.303 ug/L	100
5) Vinyl chloride	1.32	62	607105	94.530 ug/L	100
6) Bromomethane	1.53	94	411639	96.960 ug/L	98
8) Chloroethane	1.60	64	391832	88.812 ug/L	97
9) Trichlorofluoromethane	1.76	101	1189715	97.980 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	523641	96.503 ug/L	100
12) 1,1-Dichloroethene	2.13	96	500097	96.271 ug/L	96
13) Acetone	2.21	43	436640	194.016 ug/L	99
14) Carbon disulfide	2.31	76	1391463	97.707 ug/L	99
15) Methyl Acetate	2.46	43	498040	100.389 ug/L	100
16) Methylene chloride	2.52	84	520856	95.649 ug/L	99
17) trans-1,2-Dichloroethene	2.78	96	488117	99.302 ug/L	96
18) Methyl tert-butyl Ether	2.79	73	1587527	97.969 ug/L	99
19) 1,1-Dichloroethane	3.21	63	868546	97.116 ug/L	99
20) cis-1,2-Dichloroethene	3.94	96	547571	97.276 ug/L #	97
22) 2-Butanone	4.01	43	711743	207.899 ug/L	98
23) Bromochloromethane	4.28	128	276925	97.486 ug/L	96
25) Chloroform	4.41	83	930388	95.934 ug/L	99
27) 1,2-Dichloroethane	5.16	62	709716	97.163 ug/L	100
29) Cyclohexane	4.70	56	796801	95.585 ug/L	100
30) 1,1,1-Trichloroethane	4.64	97	869990	96.629 ug/L	99
31) Carbon tetrachloride	4.86	117	759227	98.630 ug/L	100
33) Benzene	5.13	78	2031583	97.964 ug/L	100
34) Trichloroethene	5.94	95	542713	98.835 ug/L	100
35) Methylcyclohexane	6.15	83	881109	97.942 ug/L	99
37) 1,2-Dichloropropane	6.20	63	505789	99.374 ug/L	100
38) Bromodichloromethane	6.53	83	734146	98.387 ug/L	100
39) cis-1,3-Dichloropropene	7.05	75	878479	102.705 ug/L	99
40) 4-Methyl-2-pentanone	7.25	43	1424480	199.085 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	2267155	98.370	ug/L	99
44) trans-1,3-Dichloropropene	7.67	75	845669	101.748	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	521381	97.142	ug/L	99
46) Tetrachloroethene	8.00	164	398906	101.332	ug/L	97
48) 2-Hexanone	8.16	43	1120747	206.848	ug/L	99
49) Dibromochloromethane	8.27	129	604079	102.772	ug/L	97
50) 1,2-Dibromoethane	8.37	107	574241	100.228	ug/L	100
51) Chlorobenzene	8.90	112	1501270	99.387	ug/L	99
52) Ethylbenzene	9.03	91	2578132	99.663	ug/L	100
53) m,p-Xylene	9.16	106	1010560	101.451	ug/L	100
54) o-xylene	9.57	106	996960	99.917	ug/L	99
55) Styrene	9.58	104	1710880	103.114	ug/L	98
56) Isopropylbenzene	9.95	105	2602304	100.684	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.26	83	835347	96.944	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	666074	96.918	ug/L	99
61) Bromoform	9.75	173	407394	104.663	ug/L	100
62) 1,3-Dichlorobenzene	11.20	146	1155232	98.474	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	1156223	97.178	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	1156378	96.643	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	223235	94.483	ug/L	93
67) 1,3,5-Trichlorobenzene	12.67	180	778750	100.164	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	739303	104.102	ug/L	99
69) Naphthalene	13.53	128	2784859	102.572	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	750947	102.654	ug/L	99

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

