

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV051820\
 Data File : VV016090.D
 Acq On : 18 May 2020 10:09
 Operator : SY/MD
 Sample : VSTD00561
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00561

Manual Integrations
 APPROVED

apatel
 5/19/2020 2:01:43 PM

Quant Time: May 19 03:26:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM051820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 19 03:10:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	305741	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	295543	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	140190	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	11427	4.30	ug/L	0.00
7) Chloroethane-d5	1.58	69	10531	4.60	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	22856	4.78	ug/L	0.00
21) 2-Butanone-d5	3.96	46	11905m	8.21	ug/L	0.03
24) Chloroform-d	4.38	84	22350	5.01	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	15033	5.26	ug/L	0.00
32) Benzene-d6	5.08	84	41861	4.61	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	13513	5.03	ug/L	0.00
41) Toluene-d8	7.34	98	38034	4.41	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	6101	4.13	ug/L	0.00
47) 2-Hexanone-d5	8.13	63	6745	5.73	ug/L	0.01
57) 1,1,2,2-Tetrachloroethane-	10.24	84	16879	4.51	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	15087	4.79	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	14614	5.497 ug/L	97
3) Chloromethane	1.25	50	15213	5.967 ug/L	98
5) Vinyl chloride	1.32	62	14116	5.337 ug/L	92
6) Bromomethane	1.53	94	8663	5.037 ug/L	99
8) Chloroethane	1.60	64	9621	5.261 ug/L	94
9) Trichlorofluoromethane	1.77	101	19492	4.089 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	11881	5.350 ug/L	97
12) 1,1-Dichloroethene	2.14	96	10983	5.271 ug/L	80
13) Acetone	2.21	43	15882	16.036 ug/L	96
14) Carbon disulfide	2.31	76	29727	5.087 ug/L	99
15) Methyl Acetate	2.46	43	12719	6.144 ug/L	96
16) Methylene chloride	2.53	84	14206	6.238 ug/L	93
17) trans-1,2-Dichloroethene	2.78	96	11804	5.763 ug/L	92
18) Methyl tert-butyl Ether	2.79	73	38214	5.619 ug/L	97
19) 1,1-Dichloroethane	3.22	63	23700	6.225 ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	12495	5.337 ug/L	99
22) 2-Butanone	4.04	43	14445m	10.298 ug/L	
23) Bromochloromethane	4.28	128	6834	5.783 ug/L	95
25) Chloroform	4.41	83	24800	5.992 ug/L	95
27) 1,2-Dichloroethane	5.16	62	19225	6.115 ug/L	100
29) Cyclohexane	4.70	56	18567	5.298 ug/L	96
30) 1,1,1-Trichloroethane	4.64	97	22087	5.885 ug/L	98
31) Carbon tetrachloride	4.86	117	18388	5.747 ug/L	99
33) Benzene	5.13	78	48692	5.635 ug/L	100
34) Trichloroethene	5.94	95	12755	5.600 ug/L	97
35) Methylcyclohexane	6.16	83	18883	5.083 ug/L	97
37) 1,2-Dichloropropane	6.20	63	12742	5.910 ug/L	99
38) Bromodichloromethane	6.54	83	17662	5.700 ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	18605	5.216 ug/L	95
40) 4-Methyl-2-pentanone	7.26	43	29214	9.772 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.41	91	50504	5.285	ug/L	96
44) trans-1,3-Dichloropropene	7.68	75	17885	5.117	ug/L	100
45) 1,1,2-Trichloroethane	7.86	97	12279	5.544	ug/L	98
46) Tetrachloroethene	8.00	164	9831	5.971	ug/L	93
48) 2-Hexanone	8.18	43	21726	9.631	ug/L	96
49) Dibromochloromethane	8.27	129	12017	4.954	ug/L	96
50) 1,2-Dibromoethane	8.38	107	12693	5.412	ug/L #	94
51) Chlorobenzene	8.90	112	34397	5.509	ug/L	96
52) Ethylbenzene	9.04	91	57051	5.319	ug/L	98
53) m,p-Xylene	9.16	106	20664	5.035	ug/L	99
54) o-xylene	9.57	106	20212	4.932	ug/L	95
55) Styrene	9.59	104	32601	4.737	ug/L	98
56) Isopropylbenzene	9.95	105	51836	4.851	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.26	83	18771	5.289	ug/L	98
59) 1,2,3-Trichloropropane	10.30	75	15671	5.516	ug/L	99
61) Bromoform	9.76	173	7190	4.736	ug/L	98
62) 1,3-Dichlorobenzene	11.21	146	25196	5.461	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	26345	5.605	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	25689	5.477	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	3854	4.299	ug/L	91
67) 1,3,5-Trichlorobenzene	12.67	180	16799	5.452	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	14029	4.986	ug/L	99
69) Naphthalene	13.53	128	35160	3.393	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	14292	4.927	ug/L	98

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

