

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015166.D
 Acq On : 26 Mar 2020 12:43
 Operator : SY/MD
 Sample : VSTD00562
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00562

Manual Integrations
 APPROVED

apatel
 3/27/2020 4:17:17 PM

Quant Time: Mar 26 14:22:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 26 14:13:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	633063	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	612962	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	270092	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	17474	3.54	ug/L	0.00
7) Chloroethane-d5	1.58	69	17598	3.86	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	39858	3.99	ug/L	0.00
21) 2-Butanone-d5	3.97	46	32315m	9.24	ug/L	0.04
24) Chloroform-d	4.38	84	35980	4.19	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.07	65	24075	4.31	ug/L	0.00
32) Benzene-d6	5.08	84	62009	3.69	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	22974	4.22	ug/L	0.00
41) Toluene-d8	7.34	98	57445	3.61	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	12128	4.06	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	25174	8.99	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	39350	4.77	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	25426	4.30	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	33015	6.465	ug/L 100
3) Chloromethane	1.25	50	34173	6.257	ug/L 100
5) Vinyl chloride	1.32	62	35341	6.381	ug/L 98
6) Bromomethane	1.53	94	22715	6.389	ug/L 95
8) Chloroethane	1.60	64	23753	6.077	ug/L 98
9) Trichlorofluoromethane	1.77	101	54457	6.079	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	30049	6.504	ug/L 97
12) 1,1-Dichloroethene	2.13	96	28953	6.458	ug/L 97
13) Acetone	2.23	43	31468m	16.150	ug/L
14) Carbon disulfide	2.31	76	75336	6.373	ug/L 97
15) Methyl Acetate	2.46	43	28857	6.755	ug/L 92
16) Methylene chloride	2.53	84	26905	6.283	ug/L 94
17) trans-1,2-Dichloroethene	2.78	96	25534	6.484	ug/L 99
18) Methyl tert-butyl Ether	2.79	73	85080	6.412	ug/L 99
19) 1,1-Dichloroethane	3.22	63	47971	6.653	ug/L 98
20) cis-1,2-Dichloroethene	3.94	96	29019	6.680	ug/L # 90
22) 2-Butanone	4.04	43	50341m	16.162	ug/L
23) Bromochloromethane	4.29	128	13219	6.094	ug/L 94
25) Chloroform	4.41	83	46581	6.186	ug/L 94
27) 1,2-Dichloroethane	5.16	62	38194	6.492	ug/L 95
29) Cyclohexane	4.71	56	42669	6.318	ug/L 98
30) 1,1,1-Trichloroethane	4.64	97	43637	6.269	ug/L 99
31) Carbon tetrachloride	4.86	117	36668	6.139	ug/L 96
33) Benzene	5.13	78	104205	6.345	ug/L 100
34) Trichloroethene	5.94	95	26057	5.964	ug/L 97
35) Methylcyclohexane	6.15	83	45332	6.180	ug/L 98
37) 1,2-Dichloropropane	6.20	63	26457	6.366	ug/L 98
38) Bromodichloromethane	6.54	83	37594	6.342	ug/L 98
39) cis-1,3-Dichloropropene	7.05	75	43022	5.982	ug/L 97
40) 4-Methyl-2-pentanone	7.26	43	79195	12.540	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	115339	6.304	ug/L	96
44) trans-1,3-Dichloropropene	7.68	75	40968	5.906	ug/L	94
45) 1,1,2-Trichloroethane	7.86	97	24577	6.020	ug/L	98
46) Tetrachloroethene	8.00	164	16629	5.390	ug/L	93
48) 2-Hexanone	8.17	43	62448	12.966	ug/L	99
49) Dibromochloromethane	8.27	129	27253	5.886	ug/L	100
50) 1,2-Dibromoethane	8.38	107	27010	5.985	ug/L #	92
51) Chlorobenzene	8.90	112	72771	6.141	ug/L	96
52) Ethylbenzene	9.04	91	126979	6.159	ug/L	99
53) m,p-Xylene	9.16	106	47970	5.915	ug/L	95
54) o-xylene	9.57	106	48683	6.175	ug/L	99
55) Styrene	9.58	104	81993	6.086	ug/L	96
56) Isopropylbenzene	9.95	105	121399	5.889	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.26	83	43057	6.230	ug/L	100
59) 1,2,3-Trichloropropane	10.30	75	34609	6.204	ug/L	97
61) Bromoform	9.76	173	16817	5.788	ug/L #	95
62) 1,3-Dichlorobenzene	11.21	146	50986	6.163	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	52597	6.265	ug/L	97
65) 1,2-Dichlorobenzene	11.67	146	52506	6.312	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	12429	6.811	ug/L	95
67) 1,3,5-Trichlorobenzene	12.67	180	31983	5.795	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	30260	5.815	ug/L	98
69) Naphthalene	13.53	128	121952	6.069	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	28733	5.536	ug/L	97

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

