

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032520\
 Data File : VV015134.D
 Acq On : 25 Mar 2020 10:57
 Operator : SY/MD
 Sample : VSTD00561
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00561

Manual Integrations
 APPROVED

apatel
 3/26/2020 2:12:54 PM

Quant Time: Mar 25 13:24:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032520WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 25 13:17:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	441103	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	420299	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	199575	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32518	8.95	ug/L	0.00
7) Chloroethane-d5	1.58	69	27149	7.48	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	60669	8.81	ug/L	0.00
21) 2-Butanone-d5	3.96	46	34080m	12.20	ug/L	0.03
24) Chloroform-d	4.38	84	50882	7.66	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	31507	7.07	ug/L	0.00
32) Benzene-d6	5.08	84	102683	7.97	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	31805	7.34	ug/L	0.00
41) Toluene-d8	7.34	98	99639	8.62	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	18058	7.70	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	29600	13.15	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	44667	6.87	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	37273	8.12	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	23340	9.308 ug/L	97
3) Chloromethane	1.25	50	24647	5.884 ug/L	98
5) Vinyl chloride	1.32	62	25219	6.757 ug/L	94
6) Bromomethane	1.53	94	15667	5.838 ug/L	100
8) Chloroethane	1.60	64	23569	7.608 ug/L	89
9) Trichlorofluoromethane	1.77	101	34333	7.390 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	19386	8.451 ug/L	95
12) 1,1-Dichloroethene	2.13	96	18537	6.679 ug/L	87
13) Acetone	2.23	43	26454m	16.053 ug/L	
14) Carbon disulfide	2.31	76	53701	7.183 ug/L	99
15) Methyl Acetate	2.46	43	15353	4.125 ug/L	95
16) Methylene chloride	2.53	84	18080	5.234 ug/L	91
17) trans-1,2-Dichloroethene	2.78	96	17473	6.447 ug/L	99
18) Methyl tert-butyl Ether	2.79	73	52891	4.820 ug/L	96
19) 1,1-Dichloroethane	3.21	63	28975	5.246 ug/L	94
20) cis-1,2-Dichloroethene	3.94	96	17844	5.425 ug/L #	95
22) 2-Butanone	4.04	43	23289m	9.582 ug/L	
23) Bromochloromethane	4.28	128	9613	5.360 ug/L	86
25) Chloroform	4.41	83	31508	5.502 ug/L	95
27) 1,2-Dichloroethane	5.16	62	23895	5.250 ug/L	100
29) Cyclohexane	4.70	56	26852	7.776 ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	28878	6.461 ug/L	98
31) Carbon tetrachloride	4.86	117	24256	6.822 ug/L	98
33) Benzene	5.13	78	65056	5.429 ug/L	100
34) Trichloroethene	5.94	95	18039	6.416 ug/L	95
35) Methylcyclohexane	6.15	83	27125	7.776 ug/L	94
37) 1,2-Dichloropropane	6.20	63	16487	5.039 ug/L #	94
38) Bromodichloromethane	6.53	83	25496	5.444 ug/L	91
39) cis-1,3-Dichloropropene	7.05	75	28310	5.357 ug/L	97
40) 4-Methyl-2-pentanone	7.26	43	48563	8.861 ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032520\
 Data File : VV015134.D
 Acq On : 25 Mar 2020 10:57
 Operator : SY/MD
 Sample : VSTD00561
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00561

Manual Integrations
 APPROVED

apatel
 3/26/2020 2:12:54 PM

Quant Time: Mar 25 13:24:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032520WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 25 13:17:35 2020
 Response via : Initial Calibration

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

42) Toluene	7.41	91	71475	5.850	ug/L	97
44) trans-1,3-Dichloropropene	7.68	75	28349	5.348	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	15395	4.522	ug/L	95
46) Tetrachloroethene	7.99	164	12485	6.889	ug/L	96
48) 2-Hexanone	8.17	43	38057	9.452	ug/L #	97
49) Dibromochloromethane	8.27	129	18991	4.970	ug/L	93
50) 1,2-Dibromoethane	8.38	107	18516	5.055	ug/L	92
51) Chlorobenzene	8.90	112	49003	6.081	ug/L	99
52) Ethylbenzene	9.03	91	79806	6.356	ug/L	97
53) m,p-Xylene	9.16	106	32156	6.628	ug/L	97
54) o-xylene	9.57	106	30343	5.944	ug/L	90
55) Styrene	9.58	104	51876	5.779	ug/L	95
56) Isopropylbenzene	9.95	105	77177	6.523	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	28540	5.060	ug/L	93
59) 1,2,3-Trichloropropane	10.30	75	21664	4.754	ug/L	95
61) Bromoform	9.76	173	13239	4.625	ug/L	94
62) 1,3-Dichlorobenzene	11.20	146	35412	5.900	ug/L	96
63) 1,4-Dichlorobenzene	11.30	146	37579	6.160	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	36254	5.562	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.45	75	7394	4.436	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	22116	5.820	ug/L	97
68) 1,2,4-trichlorobenzene	13.29	180	22261	5.796	ug/L	96
69) Naphthalene	13.53	128	86522	5.068	ug/L	98
70) 1,2,3-Trichlorobenzene	13.77	180	20738	5.164	ug/L	96

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

