

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032320\
 Data File : VV015105.D
 Acq On : 23 Mar 2020 23:34
 Operator : SY/MD
 Sample : VSTD01061
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01061

Manual Integrations
 APPROVED

apatel
 3/24/2020 8:47:19 PM

Quant Time: Mar 24 02:07:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 24 01:56:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	753773	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	698746	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	320961	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71437	16.88	ug/L	0.00
7) Chloroethane-d5	1.58	69	58863	17.45	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	116546	16.24	ug/L	0.00
21) 2-Butanone-d5	3.95	46	87962	31.15	ug/L	0.01
24) Chloroform-d	4.38	84	104690	11.17	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	65016	10.98	ug/L	0.00
32) Benzene-d6	5.08	84	211925	12.11	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	68912	13.05	ug/L	0.00
41) Toluene-d8	7.34	98	194966	11.26	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	35250	12.66	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	69137	27.94	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	95580	12.31	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	70791	10.69	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	58752	9.406 ug/L	98
3) Chloromethane	1.25	50	78382	15.856 ug/L	99
5) Vinyl chloride	1.32	62	73841	15.428 ug/L	99
6) Bromomethane	1.53	94	44562	14.503 ug/L	97
8) Chloroethane	1.60	64	62667	22.058 ug/L	96
9) Trichlorofluoromethane	1.77	101	91386	12.696 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	46724	13.456 ug/L	99
12) 1,1-Dichloroethene	2.13	96	52200	15.563 ug/L	96
13) Acetone	2.22	43	72712m	34.004 ug/L	
14) Carbon disulfide	2.31	76	125219	11.267 ug/L	99
15) Methyl Acetate	2.46	43	64283	16.132 ug/L	99
16) Methylene chloride	2.53	84	57760	11.588 ug/L	97
17) trans-1,2-Dichloroethene	2.78	96	48981	10.643 ug/L	95
18) Methyl tert-butyl Ether	2.79	73	182662	12.241 ug/L	98
19) 1,1-Dichloroethane	3.22	63	101414	12.339 ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	54585	10.476 ug/L #	93
22) 2-Butanone	4.03	43	95061m	30.576 ug/L	
23) Bromochloromethane	4.28	128	28439	10.232 ug/L	94
25) Chloroform	4.41	83	101697	11.339 ug/L	97
27) 1,2-Dichloroethane	5.16	62	77905	11.517 ug/L #	92
29) Cyclohexane	4.71	56	77550	11.911 ug/L	98
30) 1,1,1-Trichloroethane	4.64	97	84645	11.217 ug/L	98
31) Carbon tetrachloride	4.86	117	70412	10.492 ug/L	100
33) Benzene	5.13	78	218831	12.391 ug/L	100
34) Trichloroethene	5.94	95	51617	11.008 ug/L	97
35) Methylcyclohexane	6.15	83	75202	10.188 ug/L	95
37) 1,2-Dichloropropane	6.20	63	57279	12.993 ug/L #	92
38) Bromodichloromethane	6.53	83	80418	12.703 ug/L	96
39) cis-1,3-Dichloropropene	7.05	75	90048	12.353 ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	194608	30.493 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	226704	11.514	ug/L	100
44) trans-1,3-Dichloropropene	7.68	75	87988	13.327	ug/L	98
45) 1,1,2-Trichloroethane	7.86	97	55626	12.004	ug/L	97
46) Tetrachloroethene	8.00	164	35638	8.474	ug/L	97
48) 2-Hexanone	8.17	43	140982	29.371	ug/L	99
49) Dibromochloromethane	8.27	129	62328	11.584	ug/L	98
50) 1,2-Dibromoethane	8.38	107	61588	11.975	ug/L	98
51) Chlorobenzene	8.90	112	144885	10.615	ug/L	98
52) Ethylbenzene	9.04	91	250130	11.222	ug/L	99
53) m,p-Xylene	9.16	106	94545	10.954	ug/L	99
54) o-xylene	9.57	106	98827	11.510	ug/L	98
55) Styrene	9.58	104	167235	11.508	ug/L	96
56) Isopropylbenzene	9.95	105	241382	10.893	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.26	83	94666	12.392	ug/L	99
59) 1,2,3-Trichloropropane	10.30	75	76285	12.563	ug/L	97
61) Bromoform	9.76	173	44472	13.271	ug/L	100
62) 1,3-Dichlorobenzene	11.21	146	109798	11.327	ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	109311	10.822	ug/L	98
65) 1,2-Dichlorobenzene	11.67	146	114876	11.081	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.45	75	24617	15.257	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	72482	9.690	ug/L	98
68) 1,2,4-trichlorobenzene	13.29	180	68148	9.787	ug/L	97
69) Naphthalene	13.53	128	138167	13.866	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	70770	10.356	ug/L	99

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

