

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032520\
 Data File : VV015135.D
 Acq On : 25 Mar 2020 11:21
 Operator : SY/MD
 Sample : VSTD01062
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD01062

Manual Integrations
 APPROVED

apatel
 3/26/2020 2:12:57 PM

Quant Time: Mar 25 13:27:49 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	406484	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	384690	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	177274	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	50266	15.01	ug/L	0.00
7) Chloroethane-d5	1.58	69	45324	13.55	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	93356	14.71	ug/L	0.00
21) 2-Butanone-d5	3.96	46	63136	24.53	ug/L	0.02
24) Chloroform-d	4.38	84	80934	13.22	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	54113	13.18	ug/L	0.00
32) Benzene-d6	5.08	84	163870	13.89	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.10	67	52871	13.34	ug/L	0.00
41) Toluene-d8	7.34	98	155591	14.71	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	27815	12.97	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	50106	24.31	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	76673	12.89	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	59986	14.71	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.14	85	37387	16.181	ug/L	99
3) Chloromethane	1.25	50	42136	10.916	ug/L	96
5) Vinyl chloride	1.32	62	40087	11.655	ug/L	96
6) Bromomethane	1.53	94	27096	10.957	ug/L	99
8) Chloroethane	1.60	64	32146	11.261	ug/L	92
9) Trichlorofluoromethane	1.77	101	59664	13.936	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	33936	16.053	ug/L	96
12) 1,1-Dichloroethene	2.13	96	29556	11.556	ug/L #	79
13) Acetone	2.22	43	33929m	22.343	ug/L	
14) Carbon disulfide	2.31	76	87326	12.676	ug/L	99
15) Methyl Acetate	2.47	43	31764m	9.262	ug/L	
16) Methylene chloride	2.53	84	31140	9.782	ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	28709	11.495	ug/L	96
18) Methyl tert-butyl Ether	2.79	73	92595	9.157	ug/L	99
19) 1,1-Dichloroethane	3.22	63	51961	10.209	ug/L	98
20) cis-1,2-Dichloroethene	3.94	96	30227	9.973	ug/L #	93
22) 2-Butanone	4.04	43	38380m	17.136	ug/L	
23) Bromochloromethane	4.28	128	15987	9.673	ug/L	97
25) Chloroform	4.41	83	54847	10.393	ug/L	94
27) 1,2-Dichloroethane	5.16	62	41372	9.864	ug/L	95
29) Cyclohexane	4.70	56	46293	14.647	ug/L	97
30) 1,1,1-Trichloroethane	4.64	97	50040	12.232	ug/L	99
31) Carbon tetrachloride	4.86	117	42512	13.063	ug/L	98
33) Benzene	5.13	78	112260	10.236	ug/L	100
34) Trichloroethene	5.94	95	30168	11.723	ug/L	97
35) Methylcyclohexane	6.15	83	50053	15.678	ug/L	99
37) 1,2-Dichloropropane	6.20	63	30085	10.047	ug/L	98
38) Bromodichloromethane	6.54	83	41120	9.593	ug/L #	99
39) cis-1,3-Dichloropropene	7.05	75	46585	9.630	ug/L	97
40) 4-Methyl-2-pentanone	7.26	43	85563	17.057	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	126168	11.282	ug/L	96
44) trans-1,3-Dichloropropene	7.68	75	49594	10.222	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	30127	9.669	ug/L	99
46) Tetrachloroethene	8.00	164	20673	12.463	ug/L	98
48) 2-Hexanone	8.17	43	61255	16.622	ug/L	99
49) Dibromochloromethane	8.27	129	32258	9.224	ug/L	96
50) 1,2-Dibromoethane	8.38	107	31833	9.494	ug/L #	96
51) Chlorobenzene	8.90	112	83038	11.258	ug/L	98
52) Ethylbenzene	9.04	91	141368	12.300	ug/L	99
53) m,p-Xylene	9.16	106	54659	12.309	ug/L	93
54) o-xylene	9.57	106	55047	11.782	ug/L	96
55) Styrene	9.58	104	88603	10.784	ug/L	99
56) Isopropylbenzene	9.95	105	138190	12.761	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	49272	9.544	ug/L	94
59) 1,2,3-Trichloropropane	10.30	75	39184	9.395	ug/L	99
61) Bromoform	9.76	173	21665	8.520	ug/L	98
62) 1,3-Dichlorobenzene	11.20	146	58536	10.980	ug/L	98
63) 1,4-Dichlorobenzene	11.30	146	62278	11.492	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	61706	10.657	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.45	75	13688	9.245	ug/L	92
67) 1,3,5-Trichlorobenzene	12.67	180	38042	11.270	ug/L	99
68) 1,2,4-trichlorobenzene	13.29	180	36138	10.593	ug/L	100
69) Naphthalene	13.53	128	141586	9.337	ug/L	99
70) 1,2,3-Trichlorobenzene	13.77	180	35818	10.042	ug/L	97

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

