

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032520\
 Data File : VV015126.D
 Acq On : 25 Mar 2020 03:59
 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
 3/25/2020 4:52:12 PM

Quant Time: Mar 25 07:02:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032520WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 25 06:43:52 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	575107	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	528508	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	234186	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23883	4.52	ug/L	0.00
7) Chloroethane-d5	1.58	69	25789	5.56	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.12	63	44075	4.92	ug/L	0.00
21) 2-Butanone-d5	3.96	46	34152m	9.44	ug/L	0.02
24) Chloroform-d	4.38	84	44347	5.35	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	29992	5.59	ug/L	0.00
32) Benzene-d6	5.07	84	80350	4.89	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	27832	5.13	ug/L	0.00
41) Toluene-d8	7.34	98	71447	4.77	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.65	79	15420	5.40	ug/L	0.00
47) 2-Hexanone-d5	8.12	63	27161	9.74	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.24	84	42510	5.49	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.65	152	27585	5.16	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	15678	3.789 ug/L	100
3) Chloromethane	1.25	50	29099	4.960 ug/L	95
5) Vinyl chloride	1.32	62	24189	4.440 ug/L	87
6) Bromomethane	1.53	94	18066	5.244 ug/L	96
8) Chloroethane	1.60	64	25110	5.884 ug/L	93
9) Trichlorofluoromethane	1.77	101	28451	4.251 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	14747	4.395 ug/L	95
12) 1,1-Dichloroethene	2.13	96	17943	4.773 ug/L	95
13) Acetone	2.22	43	28680m	10.229 ug/L	
14) Carbon disulfide	2.31	76	50690	5.261 ug/L	99
15) Methyl Acetate	2.46	43	27729m	5.600 ug/L	
16) Methylene chloride	2.52	84	23400	5.142 ug/L	98
17) trans-1,2-Dichloroethene	2.78	96	17742	4.758 ug/L	98
18) Methyl tert-butyl Ether	2.79	73	73051	5.012 ug/L	98
19) 1,1-Dichloroethane	3.21	63	38209	5.020 ug/L	99
20) cis-1,2-Dichloroethene	3.95	96	21110m	4.763 ug/L	
22) 2-Butanone	4.05	43	28850m	7.465 ug/L	
23) Bromochloromethane	4.28	128	12344	5.482 ug/L	95
25) Chloroform	4.40	83	38962	5.095 ug/L	93
27) 1,2-Dichloroethane	5.16	62	30676	4.985 ug/L	99
29) Cyclohexane	4.70	56	20587	3.691 ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	25524	4.102 ug/L	# 84
31) Carbon tetrachloride	4.85	117	21416	4.160 ug/L	95
33) Benzene	5.12	78	75629	4.655 ug/L	100
34) Trichloroethene	5.94	95	17662	4.577 ug/L	96
35) Methylcyclohexane	6.15	83	20839	3.858 ug/L	100
37) 1,2-Dichloropropane	6.20	63	20539	4.672 ug/L	98
38) Bromodichloromethane	6.53	83	30428	4.996 ug/L	93
39) cis-1,3-Dichloropropene	7.05	75	32495	4.553 ug/L	94
40) 4-Methyl-2-pentanone	7.26	43	73184	9.954 ug/L	99

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42) Toluene	7.41	91	74763	4.408	ug/L	97
44) trans-1,3-Dichloropropene	7.67	75	33616	5.009	ug/L	99
45) 1,1,2-Trichloroethane	7.86	97	22593	5.269	ug/L	97
46) Tetrachloroethene	8.00	164	11084	4.270	ug/L	92
48) 2-Hexanone	8.17	43	45895	8.133	ug/L	95
49) Dibromochloromethane	8.27	129	24745	5.064	ug/L	98
50) 1,2-Dibromoethane	8.37	107	24100	5.129	ug/L	94
51) Chlorobenzene	8.90	112	53221	4.880	ug/L	98
52) Ethylbenzene	9.03	91	77709	4.285	ug/L	98
53) m,p-Xylene	9.16	106	29916	4.340	ug/L	96
54) o-xylene	9.57	106	31971	4.451	ug/L	100
55) Styrene	9.58	104	55376	4.450	ug/L	99
56) Isopropylbenzene	9.95	105	72041	4.141	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	36392	4.968	ug/L	93
59) 1,2,3-Trichloropropane	10.30	75	29908	5.042	ug/L	100
61) Bromoform	9.75	173	16989	5.035	ug/L #	99
62) 1,3-Dichlorobenzene	11.20	146	36041	4.660	ug/L	99
63) 1,4-Dichlorobenzene	11.30	146	37462	4.795	ug/L	95
65) 1,2-Dichlorobenzene	11.67	146	40101	4.929	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.45	75	10109	5.257	ug/L	96
67) 1,3,5-Trichlorobenzene	12.67	180	22422	4.325	ug/L	94
68) 1,2,4-trichlorobenzene	13.29	180	24016	4.831	ug/L	98
69) Naphthalene	13.53	128	98613	7.892	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	23194	4.490	ug/L	100

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

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