

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090220\
 Data File : VX018206.D
 Acq On : 02 Sep 2020 09:36
 Operator : JC/SP
 Sample : VSTD00531
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00531

Quant Time: Sep 03 04:14:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXML090220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 03 04:13:16 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	623701	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	597954	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	12.06	152	296616	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	26936	6.25	ug/L	0.00
7) Chloroethane-d5	1.70	69	20594	4.37	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	52110	5.86	ug/L	0.00
21) 2-Butanone-d5	4.53	46	33341	7.36	ug/L	0.00
24) Chloroform-d	5.13	84	46005	4.98	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	37747	5.67	ug/L	0.00
32) Benzene-d6	6.05	84	93265	5.49	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	28658	5.17	ug/L	0.00
41) Toluene-d8	8.70	98	91263	5.69	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	15095	5.28	ug/L	0.00
47) 2-Hexanone-d5	9.43	63	22118	7.65	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	11.23	84	40799	4.81	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.36	152	32992	5.02	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	32635	7.325 ug/L	99
3) Chloromethane	1.31	50	28379	6.260 ug/L	99
5) Vinyl chloride	1.39	62	28661	6.295 ug/L	97
6) Bromomethane	1.64	94	14811	4.538 ug/L	91
8) Chloroethane	1.71	64	17676	4.739 ug/L	95
9) Trichlorofluoromethane	1.92	101	48880	6.173 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	25343	6.450 ug/L	98
12) 1,1-Dichloroethene	2.35	96	24164	6.603 ug/L	96
13) Acetone	2.42	43	22036	7.507 ug/L	100
14) Carbon disulfide	2.55	76	78056	6.664 ug/L	99
15) Methyl Acetate	2.75	43	29334	5.365 ug/L	97
16) Methylene chloride	2.83	84	28116	6.429 ug/L	95
17) trans-1,2-Dichloroethene	3.14	96	27166	6.710 ug/L	87
18) Methyl tert-butyl Ether	3.17	73	74011	5.704 ug/L	94
19) 1,1-Dichloroethane	3.67	63	48820	6.269 ug/L	99
20) cis-1,2-Dichloroethene	4.56	96	26270	5.752 ug/L #	90
22) 2-Butanone	4.64	43	34843	8.390 ug/L	93
23) Bromochloromethane	4.98	128	15537	6.687 ug/L	82
25) Chloroform	5.18	83	59117	6.819 ug/L	96
27) 1,2-Dichloroethane	6.16	62	40722	5.704 ug/L #	94
29) Cyclohexane	5.54	56	35818	5.519 ug/L	96
30) 1,1,1-Trichloroethane	5.46	97	49829	6.842 ug/L	98
31) Carbon tetrachloride	5.75	117	44509	7.200 ug/L	98
33) Benzene	6.11	78	100510	6.084 ug/L	100
34) Trichloroethene	7.19	95	28696	6.520 ug/L	93
35) Methylcyclohexane	7.43	83	36406	5.407 ug/L	96
37) 1,2-Dichloropropane	7.49	63	27715	6.221 ug/L	98
38) Bromodichloromethane	7.87	83	38603	6.457 ug/L #	96
39) cis-1,3-Dichloropropene	8.41	75	36432	5.419 ug/L	100
40) 4-Methyl-2-pentanone	8.62	43	64336	8.620 ug/L	98

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

42) Toluene	8.76	91	101733	5.599	ug/L	100
44) trans-1,3-Dichloropropene	9.02	75	39485	5.929	ug/L	98
45) 1,1,2-Trichloroethane	9.20	97	27480	6.387	ug/L	96
46) Tetrachloroethene	9.32	164	22611	6.621	ug/L	92
48) 2-Hexanone	9.48	43	53530	8.850	ug/L	96
49) Dibromochloromethane	9.56	129	30703	6.208	ug/L	98
50) 1,2-Dibromoethane	9.65	107	26944	5.703	ug/L #	89
51) Chlorobenzene	10.12	112	72176	6.156	ug/L	98
52) Ethylbenzene	10.24	91	111555	5.564	ug/L	99
53) m,p-Xylene	10.34	106	41317	5.441	ug/L	90
54) o-xylene	10.68	106	38156	5.237	ug/L	100
55) Styrene	10.69	104	65429	5.198	ug/L	96
56) Isopropylbenzene	11.00	105	100561	5.093	ug/L	99
58) 1,1,2,2-Tetrachloroethane	11.25	83	39008	5.160	ug/L	96
59) 1,2,3-Trichloropropane	11.28	75	33291	5.248	ug/L	99
61) Bromoform	10.84	173	23006	6.323	ug/L	96
62) 1,3-Dichlorobenzene	12.01	146	53489	5.779	ug/L	96
63) 1,4-Dichlorobenzene	12.08	146	56737	6.134	ug/L	99
65) 1,2-Dichlorobenzene	12.38	146	52200	5.658	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.99	75	9629	5.397	ug/L #	77
67) 1,3,5-Trichlorobenzene	13.15	180	34262	5.256	ug/L	96
68) 1,2,4-trichlorobenzene	13.63	180	30035	5.419	ug/L	100
69) Naphthalene	13.82	128	82679	4.890	ug/L	98
70) 1,2,3-Trichlorobenzene	14.01	180	30280	5.351	ug/L	98

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

