

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX090220\
 Data File : VX018207.D
 Acq On : 02 Sep 2020 10:09
 Operator : JC/SP
 Sample : VSTD01032
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD01032

Quant Time: Sep 03 04:15:20 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	669084	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	643884	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	12.06	152	320439	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	52176	11.29	ug/L	0.00
7) Chloroethane-d5	1.70	69	39674	7.85	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	98453	10.31	ug/L	0.00
21) 2-Butanone-d5	4.53	46	67400	13.87	ug/L	0.00
24) Chloroform-d	5.14	84	90757	9.15	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	71565	10.02	ug/L	0.00
32) Benzene-d6	6.05	84	186058	10.16	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	59357	9.95	ug/L	0.00
41) Toluene-d8	8.70	98	180310	10.45	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	30727	9.98	ug/L	0.00
47) 2-Hexanone-d5	9.43	63	44770	14.38	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	11.23	84	76048	8.33	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	12.36	152	67013	9.43	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	49382	10.332 ug/L	95
3) Chloromethane	1.31	50	44088	9.065 ug/L	94
5) Vinyl chloride	1.39	62	45613	9.339 ug/L	100
6) Bromomethane	1.64	94	25975	7.418 ug/L	98
8) Chloroethane	1.72	64	26274	6.567 ug/L	98
9) Trichlorofluoromethane	1.92	101	73637	8.668 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	42053	9.977 ug/L	96
12) 1,1-Dichloroethene	2.36	96	37526	9.559 ug/L	92
13) Acetone	2.42	43	36096	11.463 ug/L	100
14) Carbon disulfide	2.55	76	123172	9.802 ug/L	99
15) Methyl Acetate	2.75	43	43341	7.389 ug/L	96
16) Methylene chloride	2.83	84	43614	9.296 ug/L	96
17) trans-1,2-Dichloroethene	3.14	96	39733	9.149 ug/L	94
18) Methyl tert-butyl Ether	3.17	73	122724	8.817 ug/L	98
19) 1,1-Dichloroethane	3.67	63	77937	9.329 ug/L	94
20) cis-1,2-Dichloroethene	4.56	96	42805	8.737 ug/L #	91
22) 2-Butanone	4.64	43	56838	12.757 ug/L	100
23) Bromochloromethane	4.99	128	25089	10.065 ug/L	91
25) Chloroform	5.18	83	94298	10.139 ug/L	98
27) 1,2-Dichloroethane	6.16	62	66188	8.642 ug/L	96
29) Cyclohexane	5.55	56	57877	8.282 ug/L	97
30) 1,1,1-Trichloroethane	5.46	97	79181	10.097 ug/L	98
31) Carbon tetrachloride	5.75	117	69409	10.427 ug/L	99
33) Benzene	6.11	78	163251	9.176 ug/L	100
34) Trichloroethene	7.18	95	47443	10.011 ug/L	93
35) Methylcyclohexane	7.44	83	60451	8.338 ug/L	97
37) 1,2-Dichloropropane	7.49	63	42272	8.812 ug/L #	96
38) Bromodichloromethane	7.87	83	59977	9.316 ug/L	98
39) cis-1,3-Dichloropropene	8.42	75	65288	9.018 ug/L	90
40) 4-Methyl-2-pentanone	8.62	43	105883	13.174 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	172095	8.796	ug/L	91
44) trans-1,3-Dichloropropene	9.02	75	67911	9.469	ug/L	91
45) 1,1,2-Trichloroethane	9.20	97	43092	9.302	ug/L	93
46) Tetrachloroethene	9.32	164	36079	9.811	ug/L	96
48) 2-Hexanone	9.47	43	84477	12.971	ug/L	97
49) Dibromochloromethane	9.56	129	51093	9.594	ug/L	99
50) 1,2-Dibromoethane	9.65	107	44742	8.795	ug/L #	93
51) Chlorobenzene	10.12	112	118730	9.404	ug/L	95
52) Ethylbenzene	10.23	91	184293	8.537	ug/L	98
53) m,p-Xylene	10.34	106	70961	8.679	ug/L	100
54) o-xylene	10.68	106	65444	8.342	ug/L	91
55) Styrene	10.70	104	110363	8.142	ug/L	98
56) Isopropylbenzene	11.00	105	176200	8.287	ug/L	99
58) 1,1,2,2-Tetrachloroethane	11.25	83	63346	7.782	ug/L	99
59) 1,2,3-Trichloropropane	11.28	75	55141	8.072	ug/L	98
61) Bromoform	10.84	173	37708	9.594	ug/L #	96
62) 1,3-Dichlorobenzene	12.01	146	90877	9.089	ug/L	92
63) 1,4-Dichlorobenzene	12.08	146	92163	9.224	ug/L	95
65) 1,2-Dichlorobenzene	12.38	146	90004	9.031	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.98	75	17010	8.825	ug/L	89
67) 1,3,5-Trichlorobenzene	13.15	180	58224	8.268	ug/L	99
68) 1,2,4-trichlorobenzene	13.63	180	50023	8.354	ug/L	98
69) Naphthalene	13.82	128	146500	8.020	ug/L	99
70) 1,2,3-Trichlorobenzene	14.00	180	53653	8.776	ug/L	98

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

