

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
 Data File : VX018612.D
 Acq On : 28 Sep 2020 11:27
 Operator : JC/SP
 Sample : VSTD00164
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00164

Quant Time: Sep 29 00:16:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 29 00:09:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	247416	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	235277	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	115862	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	12627	0.98	ug/L	0.00
7) Chloroethane-d5	1.70	69	10797	0.99	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	26820	0.94	ug/L	0.00
20) 2-Butanone-d5	4.55	46	30025	9.09	ug/L	0.00
24) Chloroform-d	5.14	84	29209	0.95	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	18409	1.03	ug/L	0.00
32) Benzene-d6	6.04	84	51363	0.95	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	16141	0.98	ug/L	0.00
41) Toluene-d8	8.70	98	49793	0.92	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	6749	0.92	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	22268	8.45	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	11121	0.90	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	17190	0.91	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	13600	0.908 ug/L	92
3) Chloromethane	1.31	50	12389	0.969 ug/L	99
5) Vinyl chloride	1.39	62	12651	0.944 ug/L	96
6) Bromomethane	1.64	94	7679	0.959 ug/L	95
8) Chloroethane	1.72	64	7706	1.025 ug/L	95
9) Trichlorofluoromethane	1.92	101	22282	0.960 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	11499	0.903 ug/L	97
12) 1,1-Dichloroethene	2.36	96	11683	0.967 ug/L	86
13) Acetone	2.45	43	18624	10.192 ug/L	96
14) Carbon disulfide	2.55	76	34647	0.943 ug/L	96
15) Methyl Acetate	2.75	43	5709	1.129 ug/L	96
16) Methylene chloride	2.83	84	24557	1.488 ug/L	91
17) Methyl tert-butyl Ether	3.17	73	23356	0.869 ug/L #	90
18) trans-1,2-Dichloroethene	3.14	96	11235	0.931 ug/L	97
19) 1,1-Dichloroethane	3.67	63	20333	0.939 ug/L #	92
21) 2-Butanone	4.65	43	27580	9.509 ug/L #	57
22) cis-1,2-Dichloroethene	4.56	96	11669	0.926 ug/L #	100
23) Bromochloromethane	4.98	128	6037	0.999 ug/L	76
25) Chloroform	5.17	83	22365	0.945 ug/L	85
27) 1,2-Dichloroethane	6.17	62	13481	0.901 ug/L #	95
29) 1,1,1-Trichloroethane	5.46	97	21084	0.941 ug/L	93
30) Cyclohexane	5.54	56	15476	0.868 ug/L	97
31) Carbon tetrachloride	5.74	117	19642	0.951 ug/L	98
33) Benzene	6.10	78	41924	0.924 ug/L	100
34) Trichloroethene	7.18	95	12164	0.927 ug/L	90
35) Methylcyclohexane	7.43	83	15555	0.852 ug/L	95
37) 1,2-Dichloropropane	7.48	63	11543	0.954 ug/L #	93
38) Bromodichloromethane	7.87	83	15387	0.942 ug/L	92
39) cis-1,3-Dichloropropene	8.42	75	14858	0.866 ug/L	93
40) 4-Methyl-2-pentanone	8.62	43	57334	8.546 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	43112	0.880	ug/L	99
43) 1,3,5-Trimethylbenzene	11.49	105	33868	0.791	ug/L	99
44) 1,2,4-Trimethylbenzene	11.79	105	31582	0.737	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	13731	0.877	ug/L	98
47) 1,1,2-Trichloroethane	9.20	97	7928	0.913	ug/L	96
49) Tetrachloroethene	9.32	164	8799	0.851	ug/L	93
50) 2-Hexanone	9.47	43	37410	7.878	ug/L	94
51) Dibromochloromethane	9.57	129	10489	0.923	ug/L	94
52) 1,2-Dibromoethane	9.65	107	7207	0.891	ug/L #	86
53) Chlorobenzene	10.12	112	28782	0.889	ug/L	96
54) Ethylbenzene	10.23	91	45550	0.853	ug/L	99
55) m,p-xylene	10.34	106	17076	0.837	ug/L	96
56) o-xylene	10.68	106	16552	0.858	ug/L	79
57) Styrene	10.70	104	25228	0.792	ug/L	95
58) Isopropylbenzene	11.00	105	41698	0.807	ug/L	100
60) 1,1,2,2-Tetrachloroethane	11.25	83	8966	0.914	ug/L #	91
62) Bromoform	10.84	173	6025	0.977	ug/L #	98
63) 1,3-Dichlorobenzene	12.01	146	22580	0.897	ug/L	99
64) 1,4-Dichlorobenzene	12.08	146	23303	0.916	ug/L	96
66) 1,2-Dichlorobenzene	12.38	146	20808	0.887	ug/L	94
67) 1,2-Dibromo-3-chloropropan	12.99	75	2066	1.035	ug/L	95
68) 1,3,5-Trichlorobenzene	13.15	180	17301	0.915	ug/L	96
69) 1,2,4-trichlorobenzene	13.63	180	13438	0.867	ug/L	95
70) Naphthalene	13.82	128	20900	0.798	ug/L	97
71) 1,2,3-Trichlorobenzene	14.00	180	12411	0.886	ug/L	95

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

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