

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092220\
 Data File : VX018527.D
 Acq On : 22 Sep 2020 17:54
 Operator : JC/SP
 Sample : VSTD0.561
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD0.5301

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 5:14:08 PM

Quant Time: Sep 23 04:25:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR092220WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 23 03:43:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	325755	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	314384	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	144973	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	8128	0.62	ug/L	0.00
7) Chloroethane-d5	1.70	69	6333	0.62	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	17368	0.68	ug/L	0.00
20) 2-Butanone-d5	4.57	46	17614	6.19	ug/L	0.01
24) Chloroform-d	5.14	84	15459	0.50	ug/L	-0.01
26) 1,2-Dichloroethane-d4	6.03	65	11109	0.60	ug/L	0.00
32) Benzene-d6	6.05	84	30108	0.38	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	9606	0.43	ug/L	0.00
41) Toluene-d8	8.70	98	29353	0.39	ug/L	0.00
43) trans-1,3-Dichloropropene-	8.99	79	3942	0.41	ug/L	0.00
46) 2-Hexanone-d5	9.43	63	11450	3.43	ug/L	0.00
56) 1,1,2,2-Tetrachloroethane-	11.23	84	5940	0.36	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.36	152	10495	0.42	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	10073	0.346 ug/L	98
3) Chloromethane	1.31	50	8963	0.636 ug/L	99
5) Vinyl chloride	1.39	62	8631m	0.590 ug/L	
6) Bromomethane	1.64	94	5604	0.642 ug/L	95
8) Chloroethane	1.72	64	4817	0.612 ug/L	99
9) Trichlorofluoromethane	1.92	101	14202	0.499 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	7879	0.613 ug/L	98
12) 1,1-Dichloroethene	2.36	96	7316	0.627 ug/L	97
13) Acetone	2.47	43	12964	7.852 ug/L	81
14) Carbon disulfide	2.55	76	24937	0.435 ug/L	100
15) Methyl Acetate	2.76	43	2715m	0.472 ug/L	
16) Methylene chloride	2.84	84	16408	0.758 ug/L	97
17) Methyl tert-butyl Ether	3.16	73	16150	0.373 ug/L #	90
18) trans-1,2-Dichloroethene	3.14	96	7585	0.364 ug/L	82
19) 1,1-Dichloroethane	3.67	63	14467	0.420 ug/L	95
21) 2-Butanone	4.66	43	14701	5.196 ug/L	88
22) cis-1,2-Dichloroethene	4.56	96	8562	0.389 ug/L #	73
23) Bromochloromethane	4.98	128	4252m	0.455 ug/L	
25) Chloroform	5.18	83	15151	0.320 ug/L	95
27) 1,2-Dichloroethane	6.17	62	9681	0.457 ug/L #	76
29) 1,1,1-Trichloroethane	5.45	97	14173	0.387 ug/L	95
30) Cyclohexane	5.55	56	11823	0.354 ug/L	94
31) Carbon tetrachloride	5.75	117	12231	0.384 ug/L	99
33) Benzene	6.11	78	27997	0.343 ug/L	100
34) Trichloroethene	7.18	95	7913	0.340 ug/L	93
35) Methylcyclohexane	7.44	83	10700	0.283 ug/L	96
37) 1,2-Dichloropropane	7.49	63	7268	0.375 ug/L	98
38) Bromodichloromethane	7.87	83	10813	0.394 ug/L	94
39) cis-1,3-Dichloropropene	8.42	75	10188	0.338 ug/L	88
40) 4-Methyl-2-pentanone	8.62	43	32571	3.395 ug/L	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	28395	0.319	ug/L	98
44) trans-1,3-Dichloropropene	9.02	75	9045	0.367	ug/L	93
45) 1,1,2-Trichloroethane	9.20	97	5028	0.350	ug/L	86
47) Tetrachloroethene	9.32	164	6959	0.377	ug/L	85
48) 2-Hexanone	9.48	43	23044	3.319	ug/L	96
49) Dibromochloromethane	9.57	129	7017	0.377	ug/L	98
50) 1,2-Dibromoethane	9.65	107	4850	0.353	ug/L #	89
51) Chlorobenzene	10.12	112	20264	0.343	ug/L	94
52) Ethylbenzene	10.23	91	29797	0.296	ug/L	93
53) m,p-xylene	10.34	106	10809	0.280	ug/L	97
54) o-xylene	10.68	106	10173	0.275	ug/L	88
55) Styrene	10.70	104	17195	0.281	ug/L	93
57) 1,1,2,2-Tetrachloroethane	11.25	83	5786	0.356	ug/L	85
59) Bromoform	10.84	173	4358	0.491	ug/L	90
60) Isopropylbenzene	11.00	105	27503	0.297	ug/L	97
61) 1,2,3-Trichloropropane	11.28	75	4759	0.437	ug/L	97
62) 1,3,5-Trimethylbenzene	11.49	105	20482	0.267	ug/L	98
63) 1,2,4-Trimethylbenzene	11.79	105	20966	0.277	ug/L	95
64) 1,3-Dichlorobenzene	12.01	146	15262	0.347	ug/L	97
65) 1,4-Dichlorobenzene	12.08	146	16476	0.382	ug/L	87
67) 1,2-Dichlorobenzene	12.38	146	14155	0.364	ug/L	90
68) 1,2-Dibromo-3-chloropropan	12.98	75	1457	0.554	ug/L #	83
69) 1,3,5-Trichlorobenzene	13.15	180	11336	0.352	ug/L	97
70) 1,2,4-trichlorobenzene	13.63	180	9366	0.349	ug/L	99
71) Naphthalene	13.82	128	14230	0.312	ug/L	97
72) 1,2,3-Trichlorobenzene	14.00	180	8081	0.341	ug/L	98

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

