

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
 Data File : VX018613.D
 Acq On : 28 Sep 2020 11:51
 Operator : JC/SP
 Sample : VSTD00565
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00565

Quant Time: Sep 29 00:16:44 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	257891	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	252656	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	130531	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	65941	4.89	ug/L	0.00
7) Chloroethane-d5	1.70	69	56548	4.97	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.34	63	151574	5.08	ug/L	0.00
20) 2-Butanone-d5	4.56	46	181865	52.85	ug/L	0.00
24) Chloroform-d	5.14	84	165747	5.18	ug/L	0.00
26) 1,2-Dichloroethane-d4	6.03	65	91340	4.90	ug/L	0.00
32) Benzene-d6	6.05	84	295989	5.08	ug/L	0.00
36) 1,2-Dichloropropane-d6	7.37	67	89050	5.01	ug/L	0.00
41) Toluene-d8	8.70	98	292220	5.04	ug/L	0.00
45) trans-1,3-Dichloropropene-	8.99	79	40322	5.10	ug/L	0.00
48) 2-Hexanone-d5	9.43	63	149985	52.99	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	11.23	84	67412	5.10	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	12.36	152	107508	5.04	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	81797	5.241	ug/L 100
3) Chloromethane	1.31	50	66196	4.966	ug/L 100
5) Vinyl chloride	1.39	62	70281	5.033	ug/L 100
6) Bromomethane	1.64	94	37413	4.482	ug/L 100
8) Chloroethane	1.72	64	40636	5.184	ug/L 100
9) Trichlorofluoromethane	1.92	101	124890	5.164	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	67516	5.085	ug/L 100
12) 1,1-Dichloroethene	2.36	96	63693	5.059	ug/L 100
13) Acetone	2.45	43	99766	52.379	ug/L 100
14) Carbon disulfide	2.55	76	192483	5.028	ug/L 100
15) Methyl Acetate	2.76	43	24830	4.710	ug/L 100
16) Methylene chloride	2.84	84	65902	3.831	ug/L 100
17) Methyl tert-butyl Ether	3.17	73	144939	5.173	ug/L 100
18) trans-1,2-Dichloroethene	3.15	96	63906	5.078	ug/L 100
19) 1,1-Dichloroethane	3.67	63	115179	5.103	ug/L 100
21) 2-Butanone	4.66	43	155524	51.443	ug/L 100
22) cis-1,2-Dichloroethene	4.57	96	63774	4.857	ug/L 100
23) Bromochloromethane	4.99	128	31186	4.953	ug/L 100
25) Chloroform	5.18	83	123200	4.995	ug/L 100
27) 1,2-Dichloroethane	6.16	62	83766	5.368	ug/L 100
29) 1,1,1-Trichloroethane	5.46	97	122196	5.078	ug/L 100
30) Cyclohexane	5.54	56	92213	4.817	ug/L 100
31) Carbon tetrachloride	5.75	117	111918	5.043	ug/L 100
33) Benzene	6.12	78	248338	5.098	ug/L 100
34) Trichloroethene	7.18	95	72019	5.110	ug/L 100
35) Methylcyclohexane	7.44	83	96063	4.900	ug/L 100
37) 1,2-Dichloropropane	7.49	63	64493	4.962	ug/L 100
38) Bromodichloromethane	7.87	83	89382	5.094	ug/L 100
39) cis-1,3-Dichloropropene	8.42	75	91792	4.979	ug/L 100
40) 4-Methyl-2-pentanone	8.62	43	377859	52.449	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	8.76	91	272462	5.178	ug/L	100
43) 1,3,5-Trimethylbenzene	11.49	105	239577	5.208	ug/L	100
44) 1,2,4-Trimethylbenzene	11.79	105	239983	5.214	ug/L	100
46) trans-1,3-Dichloropropene	9.02	75	85863	5.107	ug/L	100
47) 1,1,2-Trichloroethane	9.20	97	46025	4.935	ug/L	100
49) Tetrachloroethene	9.32	164	57454	5.177	ug/L	100
50) 2-Hexanone	9.48	43	275968	54.119	ug/L	100
51) Dibromochloromethane	9.57	129	60494	4.956	ug/L	100
52) 1,2-Dibromoethane	9.65	107	46348	5.334	ug/L	100
53) Chlorobenzene	10.12	112	179444	5.163	ug/L	100
54) Ethylbenzene	10.24	91	296781	5.178	ug/L	100
55) m,p-xylene	10.34	106	111788	5.101	ug/L	100
56) o-xylene	10.68	106	106627	5.149	ug/L	100
57) Styrene	10.70	104	181442	5.307	ug/L	100
58) Isopropylbenzene	11.00	105	292665	5.271	ug/L	100
60) 1,1,2,2-Tetrachloroethane	11.25	83	54808	5.203	ug/L	100
62) Bromoform	10.84	173	35210	5.067	ug/L	100
63) 1,3-Dichlorobenzene	12.01	146	144789	5.103	ug/L	100
64) 1,4-Dichlorobenzene	12.08	146	141990	4.954	ug/L	100
66) 1,2-Dichlorobenzene	12.37	146	135324	5.119	ug/L	100
67) 1,2-Dibromo-3-chloropropan	12.98	75	10944	4.869	ug/L	100
68) 1,3,5-Trichlorobenzene	13.15	180	105174	4.937	ug/L	100
69) 1,2,4-trichlorobenzene	13.63	180	88932	5.093	ug/L	100
70) Naphthalene	13.82	128	145930	4.943	ug/L	100
71) 1,2,3-Trichlorobenzene	14.00	180	78336	4.964	ug/L	100

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

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