

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VOX092220\
 Data File : VX018539.D
 Acq On : 23 Sep 2020 15:48
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005309

Quant Time: Sep 24 00:50:04 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR092220WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 24 00:42:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	279495	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	275756	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	143194	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	75601	4.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.20%
7) Chloroethane-d5	1.70	69	61462	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.60%
11) 1,1-Dichloroethene-d2	2.34	63	172807	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.80%
20) 2-Butanone-d5	4.56	46	188708	52.74	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.48%
24) Chloroform-d	5.14	84	171732	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	6.03	65	92378	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	6.04	84	320270	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	7.37	67	94537	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	8.70	98	315797	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
43) trans-1,3-Dichloropropene-	8.99	79	42323	5.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.60%
46) 2-Hexanone-d5	9.43	63	157926	53.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.32%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	73874	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.60%
66) 1,2-Dichlorobenzene-d4	12.36	152	112859	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	83392	5.116 ug/L	96
3) Chloromethane	1.31	50	72561	5.208 ug/L	99
5) Vinyl chloride	1.39	62	72959	5.066 ug/L	98
6) Bromomethane	1.64	94	44041	5.057 ug/L	98
8) Chloroethane	1.72	64	41084	5.091 ug/L	98
9) Trichlorofluoromethane	1.92	101	126392	5.299 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	72808	5.340 ug/L	98
12) 1,1-Dichloroethene	2.36	96	66613	5.260 ug/L	98
13) Acetone	2.45	43	101942	50.924 ug/L	98
14) Carbon disulfide	2.55	76	200674	4.976 ug/L	96
15) Methyl Acetate	2.76	43	26368	5.266 ug/L #	91
16) Methylene chloride	2.83	84	76841	4.509 ug/L	92
17) Methyl tert-butyl Ether	3.17	73	146735	5.133 ug/L	98
18) trans-1,2-Dichloroethene	3.14	96	66253	5.055 ug/L	90
19) 1,1-Dichloroethane	3.67	63	122365	5.228 ug/L	99
21) 2-Butanone	4.67	43	160928	54.694 ug/L	98
22) cis-1,2-Dichloroethene	4.56	96	67946	5.021 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	32904	4.950	ug/L #	91
25) Chloroform	5.17	83	130378	5.095	ug/L	95
27) 1,2-Dichloroethane	6.16	62	81835	5.035	ug/L	100
29) 1,1,1-Trichloroethane	5.46	97	123057	4.955	ug/L	98
30) Cyclohexane	5.55	56	99933	4.894	ug/L	98
31) Carbon tetrachloride	5.75	117	110749	4.993	ug/L	98
33) Benzene	6.11	78	258841	5.111	ug/L	100
34) Trichloroethene	7.18	95	73620	5.131	ug/L	95
35) Methylcyclohexane	7.43	83	104345	5.155	ug/L	98
37) 1,2-Dichloropropane	7.49	63	67090	5.143	ug/L	99
38) Bromodichloromethane	7.87	83	89185	4.919	ug/L	94
39) cis-1,3-Dichloropropene	8.42	75	95005	4.953	ug/L	90
40) 4-Methyl-2-pentanone	8.62	43	387521	53.520	ug/L	100
42) Toluene	8.76	91	284191	5.234	ug/L	95
44) trans-1,3-Dichloropropene	9.02	75	87739	5.072	ug/L	100
45) 1,1,2-Trichloroethane	9.20	97	47544	5.070	ug/L	95
47) Tetrachloroethene	9.32	164	60644	5.089	ug/L	86
48) 2-Hexanone	9.48	43	290292	54.847	ug/L	99
49) Dibromochloromethane	9.56	129	63430	5.113	ug/L	99
50) 1,2-Dibromoethane	9.65	107	45497	5.095	ug/L	98
51) Chlorobenzene	10.12	112	182590	5.092	ug/L	97
52) Ethylbenzene	10.23	91	308068	5.279	ug/L	92
53) m,p-xylene	10.34	106	116485	5.209	ug/L	97
54) o-xylene	10.68	106	111282	5.349	ug/L	94
55) Styrene	10.70	104	191153	5.388	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.25	83	55814	5.239	ug/L	98
59) Bromoform	10.84	173	35603	4.642	ug/L	98
60) Isopropylbenzene	11.00	105	299200	5.121	ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	41893	4.794	ug/L	97
62) 1,3,5-Trimethylbenzene	11.49	105	242652	5.117	ug/L	97
63) 1,2,4-Trimethylbenzene	11.79	105	248735	5.163	ug/L	99
64) 1,3-Dichlorobenzene	12.01	146	150200	5.037	ug/L	98
65) 1,4-Dichlorobenzene	12.08	146	148423	4.882	ug/L	97
67) 1,2-Dichlorobenzene	12.38	146	140397	5.040	ug/L	95
68) 1,2-Dibromo-3-chloropropan	12.98	75	10280	4.277	ug/L	86
69) 1,3,5-Trichlorobenzene	13.15	180	104444	4.766	ug/L	96
70) 1,2,4-trichlorobenzene	13.63	180	88023	4.838	ug/L	96
71) Naphthalene	13.82	128	148788	4.921	ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	83034	5.047	ug/L	99

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

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