

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102920\
 Data File : VX019179.D
 Acq On : 28 Oct 2020 22:06
 Operator : JC/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD005308

Quant Time: Oct 29 06:35:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR102920WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Oct 29 06:24:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	195871	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.09	117	175779	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	82970	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	64991	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.70	69	54348	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.34	63	126622	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.40%
20) 2-Butanone-d5	4.56	46	146812	53.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.02%
24) Chloroform-d	5.14	84	123395	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
26) 1,2-Dichloroethane-d4	6.03	65	64374	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	6.04	84	248447	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	7.37	67	70136	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	8.70	98	232963	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	8.99	79	29702	5.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.60%
46) 2-Hexanone-d5	9.43	63	134967	52.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.52%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	53928	5.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.60%
66) 1,2-Dichlorobenzene-d4	12.36	152	82066	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	81891	5.057 ug/L	99
3) Chloromethane	1.31	50	70658	5.056 ug/L	98
5) Vinyl chloride	1.39	62	79715	5.065 ug/L	99
6) Bromomethane	1.64	94	49653	4.896 ug/L	97
8) Chloroethane	1.72	64	48187	5.051 ug/L	99
9) Trichlorofluoromethane	1.92	101	115102	5.065 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	66602	5.158 ug/L	100
12) 1,1-Dichloroethene	2.36	96	63769	5.077 ug/L	96
13) Acetone	2.45	43	80353	50.889 ug/L	99
14) Carbon disulfide	2.55	76	191333	4.911 ug/L	100
15) Methyl Acetate	2.76	43	21285	5.052 ug/L	98
16) Methylene chloride	2.83	84	65421	4.368 ug/L	96
17) Methyl tert-butyl Ether	3.17	73	151738	5.045 ug/L	100
18) trans-1,2-Dichloroethene	3.14	96	67753	5.127 ug/L	98
19) 1,1-Dichloroethane	3.67	63	113836	5.032 ug/L	98
21) 2-Butanone	4.66	43	136392	49.184 ug/L	99
22) cis-1,2-Dichloroethene	4.56	96	71173	5.057 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	30038	5.133	ug/L	96
25) Chloroform	5.17	83	120552	5.125	ug/L	94
27) 1,2-Dichloroethane	6.16	62	75369	5.121	ug/L	99
29) 1,1,1-Trichloroethane	5.46	97	110559	5.095	ug/L	99
30) Cyclohexane	5.54	56	109503	5.062	ug/L	99
31) Carbon tetrachloride	5.75	117	92868	5.023	ug/L	100
33) Benzene	6.11	78	267301	5.105	ug/L	100
34) Trichloroethene	7.18	95	71095	4.965	ug/L	98
35) Methylcyclohexane	7.43	83	116512	5.031	ug/L	100
37) 1,2-Dichloropropane	7.49	63	63002	5.104	ug/L	100
38) Bromodichloromethane	7.87	83	81377	5.064	ug/L	100
39) cis-1,3-Dichloropropene	8.42	75	94820	5.002	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	344264	52.237	ug/L	99
42) Toluene	8.76	91	286026	5.057	ug/L	100
44) trans-1,3-Dichloropropene	9.02	75	79989	5.039	ug/L	98
45) 1,1,2-Trichloroethane	9.20	97	44602	4.952	ug/L	97
47) Tetrachloroethene	9.32	164	55060	5.037	ug/L	98
48) 2-Hexanone	9.48	43	241096	52.301	ug/L	98
49) Dibromochloromethane	9.56	129	52333	5.019	ug/L	98
50) 1,2-Dibromoethane	9.65	107	42853	5.130	ug/L	93
51) Chlorobenzene	10.12	112	180441	5.039	ug/L	99
52) Ethylbenzene	10.23	91	319291	5.046	ug/L	99
53) m,p-xylene	10.34	106	121903	5.021	ug/L	99
54) o-xylene	10.68	106	120141	5.166	ug/L	100
55) Styrene	10.70	104	195766	5.152	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.25	83	53312	5.193	ug/L	97
59) Bromoform	10.84	173	27034	4.963	ug/L	96
60) Isopropylbenzene	11.00	105	321864	5.281	ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	39773	5.343	ug/L	99
62) 1,3,5-Trimethylbenzene	11.49	105	269242	5.276	ug/L	100
63) 1,2,4-Trimethylbenzene	11.79	105	271862	5.255	ug/L	99
64) 1,3-Dichlorobenzene	12.01	146	139332	5.146	ug/L	96
65) 1,4-Dichlorobenzene	12.08	146	137881	5.100	ug/L	99
67) 1,2-Dichlorobenzene	12.37	146	128875	5.178	ug/L	94
68) 1,2-Dibromo-3-chloropropan	12.98	75	8748	5.138	ug/L	98
69) 1,3,5-Trichlorobenzene	13.15	180	103052	5.185	ug/L	97
70) 1,2,4-trichlorobenzene	13.63	180	87934	5.070	ug/L	99
71) Naphthalene	13.82	128	163068	5.228	ug/L	100
72) 1,2,3-Trichlorobenzene	14.00	180	81086	5.298	ug/L	98

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

