

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102920\
 Data File : VX019172.D
 Acq On : 28 Oct 2020 18:43
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV306

Quant Time: Oct 29 06:33:43 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	193461	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	175446	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	83685	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	65132	5.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	1.70	69	53217	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.34	63	125096	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.40%
20) 2-Butanone-d5	4.56	46	142862	52.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.46%
24) Chloroform-d	5.14	84	122271	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	6.03	65	63643	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	6.05	84	242062	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	7.37	67	71098	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	8.70	98	234919	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
43) trans-1,3-Dichloropropene-	8.99	79	30331	5.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.00%
46) 2-Hexanone-d5	9.43	63	132673	51.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.92%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	52832	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
66) 1,2-Dichlorobenzene-d4	12.36	152	79382	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.18	85	81383	5.088	ug/L	99
3) Chloromethane	1.31	50	70304	5.094	ug/L	99
5) Vinyl chloride	1.39	62	79047	5.085	ug/L	98
6) Bromomethane	1.64	94	51943	5.186	ug/L	95
8) Chloroethane	1.71	64	47094	4.998	ug/L	99
9) Trichlorofluoromethane	1.92	101	114874	5.118	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	65180	5.110	ug/L	99
12) 1,1-Dichloroethene	2.36	96	63074	5.084	ug/L	99
13) Acetone	2.45	43	80928	51.892	ug/L	99
14) Carbon disulfide	2.55	76	195933	5.092	ug/L	100
15) Methyl Acetate	2.76	43	21672	5.208	ug/L	99
16) Methylene chloride	2.83	84	65717	4.442	ug/L	96
17) Methyl tert-butyl Ether	3.17	73	152606	5.138	ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	66099	5.064	ug/L	97
19) 1,1-Dichloroethane	3.67	63	113642	5.086	ug/L	99
21) 2-Butanone	4.66	43	137948	50.365	ug/L	100
22) cis-1,2-Dichloroethene	4.56	96	70560	5.076	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	30371	5.254	ug/L	95
25) Chloroform	5.17	83	117911	5.075	ug/L	94
27) 1,2-Dichloroethane	6.16	62	73063	5.026	ug/L	98
29) 1,1,1-Trichloroethane	5.46	97	110131	5.085	ug/L	98
30) Cyclohexane	5.54	56	109111	5.053	ug/L	99
31) Carbon tetrachloride	5.75	117	92685	5.023	ug/L	100
33) Benzene	6.11	78	265918	5.088	ug/L	100
34) Trichloroethene	7.18	95	71619	5.011	ug/L	98
35) Methylcyclohexane	7.44	83	116921	5.059	ug/L	99
37) 1,2-Dichloropropane	7.49	63	63914	5.188	ug/L	100
38) Bromodichloromethane	7.87	83	81296	5.069	ug/L	98
39) cis-1,3-Dichloropropene	8.41	75	96533	5.102	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	341020	51.843	ug/L	99
42) Toluene	8.76	91	288042	5.102	ug/L	99
44) trans-1,3-Dichloropropene	9.02	75	80847	5.103	ug/L	97
45) 1,1,2-Trichloroethane	9.20	97	45065	5.013	ug/L	99
47) Tetrachloroethene	9.32	164	54274	4.975	ug/L	95
48) 2-Hexanone	9.48	43	242332	52.668	ug/L	98
49) Dibromochloromethane	9.56	129	53227	5.115	ug/L	98
50) 1,2-Dibromoethane	9.65	107	42036	5.042	ug/L	93
51) Chlorobenzene	10.12	112	182158	5.097	ug/L	99
52) Ethylbenzene	10.23	91	321516	5.091	ug/L	99
53) m,p-xylene	10.34	106	122951	5.074	ug/L	99
54) o-xylene	10.68	106	118485	5.104	ug/L	94
55) Styrene	10.70	104	192845	5.085	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.25	83	52388	5.113	ug/L	100
59) Bromoform	10.84	173	27458	4.998	ug/L	99
60) Isopropylbenzene	11.00	105	319847	5.203	ug/L	99
61) 1,2,3-Trichloropropane	11.28	75	39206	5.222	ug/L	99
62) 1,3,5-Trimethylbenzene	11.49	105	270410	5.254	ug/L	99
63) 1,2,4-Trimethylbenzene	11.79	105	273719	5.245	ug/L	100
64) 1,3-Dichlorobenzene	12.01	146	144107	5.277	ug/L	96
65) 1,4-Dichlorobenzene	12.08	146	140525	5.154	ug/L	99
67) 1,2-Dichlorobenzene	12.38	146	126127	5.024	ug/L	93
68) 1,2-Dibromo-3-chloropropan	12.98	75	8939	5.205	ug/L	97
69) 1,3,5-Trichlorobenzene	13.15	180	104179	5.197	ug/L	96
70) 1,2,4-trichlorobenzene	13.63	180	90923	5.197	ug/L	98
71) Naphthalene	13.82	128	167340	5.319	ug/L	100
72) 1,2,3-Trichlorobenzene	14.00	180	81513	5.280	ug/L	99

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

