

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080720\
 Data File : VX017812.D
 Acq On : 06 Aug 2020 17:47
 Operator : JC/SP
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV61

Quant Time: Aug 07 03:11:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR080720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 07 03:10:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	325290	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	311607	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	163309	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	117089	5.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	1.69	69	93674	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.34	63	242223	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.60%
20) 2-Butanone-d5	4.54	46	283825	47.55	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.10%
24) Chloroform-d	5.14	84	235185	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
26) 1,2-Dichloroethane-d4	6.03	65	124733	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	6.05	84	455590	5.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.60%
36) 1,2-Dichloropropane-d6	7.37	67	138492	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	8.70	98	437540	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
45) trans-1,3-Dichloropropene-	8.99	79	57545	5.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.60%
48) 2-Hexanone-d5	9.43	63	228039	47.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.82%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	94917	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	164661	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.18	85	186609	4.934	ug/L	97
3) Chloromethane	1.31	50	153388	4.966	ug/L	96
5) Vinyl chloride	1.39	62	159584	5.209	ug/L	97
6) Bromomethane	1.63	94	97174	5.450	ug/L	93
8) Chloroethane	1.71	64	87358	5.098	ug/L	97
9) Trichlorofluoromethane	1.92	101	249932	5.069	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	138657	5.153	ug/L	98
12) 1,1-Dichloroethene	2.36	96	125685	5.041	ug/L	97
13) Acetone	2.42	43	200045	45.867	ug/L	99
14) Carbon disulfide	2.54	76	446160	4.982	ug/L	99
15) Methyl Acetate	2.75	43	54243	4.218	ug/L	96
16) Methylene chloride	2.83	84	143830	4.176	ug/L	99
17) Methyl tert-butyl Ether	3.17	73	312653	4.683	ug/L	99
18) trans-1,2-Dichloroethene	3.14	96	142809	5.048	ug/L	97
19) 1,1-Dichloroethane	3.67	63	254605	5.045	ug/L	99
21) 2-Butanone	4.64	43	332941	44.200	ug/L	100
22) cis-1,2-Dichloroethene	4.56	96	149352	5.031	ug/L #	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	69037	4.969	ug/L	93
25) Chloroform	5.18	83	268022	4.931	ug/L	95
27) 1,2-Dichloroethane	6.16	62	165645	4.751	ug/L	97
29) 1,1,1-Trichloroethane	5.46	97	253469	4.958	ug/L	99
30) Cyclohexane	5.55	56	233124	5.256	ug/L	97
31) Carbon tetrachloride	5.75	117	237121	5.033	ug/L	98
33) Benzene	6.12	78	563764	5.110	ug/L	100
34) Trichloroethene	7.19	95	163041	5.063	ug/L	97
35) Methylcyclohexane	7.44	83	237297	5.242	ug/L	98
37) 1,2-Dichloropropane	7.49	63	139392	5.025	ug/L	100
38) Bromodichloromethane	7.88	83	188783	4.885	ug/L	98
39) cis-1,3-Dichloropropene	8.42	75	209413	4.903	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	832635	46.100	ug/L	99
42) Toluene	8.76	91	614010	5.127	ug/L	97
43) 1,3,5-Trimethylbenzene	11.49	105	586722	5.368	ug/L	100
44) 1,2,4-Trimethylbenzene	11.79	105	588762	5.289	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	181344	4.760	ug/L	95
47) 1,1,2-Trichloroethane	9.20	97	98572	4.736	ug/L	97
49) Tetrachloroethene	9.32	164	126440	4.908	ug/L	91
50) 2-Hexanone	9.47	43	595699	46.013	ug/L	99
51) Dibromochloromethane	9.57	129	134205	4.681	ug/L	94
52) 1,2-Dibromoethane	9.65	107	97754	4.797	ug/L #	95
53) Chlorobenzene	10.12	112	394606	5.062	ug/L	99
54) Ethylbenzene	10.24	91	669089	5.120	ug/L	99
55) m,p-xylene	10.34	106	259371	5.198	ug/L	97
56) o-xylene	10.68	106	251251	5.193	ug/L	96
57) Styrene	10.70	104	422024	5.158	ug/L	98
58) Isopropylbenzene	11.00	105	677378	5.231	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	105404	4.611	ug/L	98
62) Bromoform	10.84	173	78845	4.827	ug/L	98
63) 1,3-Dichlorobenzene	12.01	146	328956	5.172	ug/L	99
64) 1,4-Dichlorobenzene	12.08	146	331778	5.244	ug/L	97
66) 1,2-Dichlorobenzene	12.37	146	309410	5.238	ug/L	94
67) 1,2-Dibromo-3-chloropropan	12.98	75	22622	4.408	ug/L	96
68) 1,3,5-Trichlorobenzene	13.15	180	251520	5.355	ug/L	97
69) 1,2,4-trichlorobenzene	13.63	180	211437	5.085	ug/L	99
70) Naphthalene	13.82	128	383598	5.022	ug/L	98
71) 1,2,3-Trichlorobenzene	14.00	180	205980	5.265	ug/L	98

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

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