

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX100220\
 Data File : VX018743.D
 Acq On : 02 Oct 2020 12:59
 Operator : JC/SP
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV63

Quant Time: Oct 02 14:13:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 14:11:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	182055	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	175144	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	95819	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	53858	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.70	69	44244	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.40%
11) 1,1-Dichloroethene-d2	2.34	63	122425	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.00%
20) 2-Butanone-d5	4.55	46	152487	54.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.34%
24) Chloroform-d	5.14	84	136263	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	6.04	65	80684	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
32) Benzene-d6	6.05	84	231670	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	7.37	67	64971	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.20%
41) Toluene-d8	8.70	98	224878	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
45) trans-1,3-Dichloropropene-	8.99	79	35726	5.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.40%
48) 2-Hexanone-d5	9.43	63	126792	55.88	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.76%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	52824	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	89788	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	69277	5.668 ug/L	96
3) Chloromethane	1.31	50	48067	5.459 ug/L	97
5) Vinyl chloride	1.39	62	54477	5.546 ug/L	94
6) Bromomethane	1.64	94	34476	5.923 ug/L	86
8) Chloroethane	1.72	64	31454	5.279 ug/L	92
9) Trichlorofluoromethane	1.92	101	120449	5.747 ug/L	97
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	56902	5.566 ug/L	96
12) 1,1-Dichloroethene	2.36	96	49914	5.504 ug/L	96
13) Acetone	2.45	43	86451	56.766 ug/L	99
14) Carbon disulfide	2.55	76	157634	5.554 ug/L	97
15) Methyl Acetate	2.76	43	20035	5.353 ug/L	92
16) Methylene chloride	2.84	84	53609	4.875 ug/L	97
17) Methyl tert-butyl Ether	3.17	73	129338	5.529 ug/L	100
18) trans-1,2-Dichloroethene	3.14	96	53893	5.550 ug/L	96
19) 1,1-Dichloroethane	3.67	63	96776	5.606 ug/L	97
21) 2-Butanone	4.65	43	130361	58.800 ug/L	98
22) cis-1,2-Dichloroethene	4.56	96	56915	5.683 ug/L #	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.98	128	27958	5.506	ug/L	94
25) Chloroform	5.17	83	110333	5.593	ug/L	97
27) 1,2-Dichloroethane	6.16	62	77313	5.395	ug/L	100
29) 1,1,1-Trichloroethane	5.46	97	113909	5.498	ug/L	98
30) Cyclohexane	5.54	56	77365	5.384	ug/L	97
31) Carbon tetrachloride	5.75	117	108111	5.657	ug/L	100
33) Benzene	6.11	78	204899	5.587	ug/L	100
34) Trichloroethene	7.18	95	61193	5.651	ug/L	96
35) Methylcyclohexane	7.44	83	86311	5.625	ug/L	98
37) 1,2-Dichloropropane	7.49	63	47361	5.155	ug/L	100
38) Bromodichloromethane	7.87	83	80103	5.466	ug/L #	91
39) cis-1,3-Dichloropropene	8.42	75	81484	5.556	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	298276	56.035	ug/L	99
42) Toluene	8.76	91	230935	5.754	ug/L	100
43) 1,3,5-Trimethylbenzene	11.49	105	224619	5.914	ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	230156	5.970	ug/L	99
46) trans-1,3-Dichloropropene	9.02	75	76785	5.671	ug/L	96
47) 1,1,2-Trichloroethane	9.20	97	36531	5.268	ug/L	91
49) Tetrachloroethene	9.32	164	52242	5.519	ug/L	95
50) 2-Hexanone	9.48	43	225024	58.205	ug/L	100
51) Dibromochloromethane	9.57	129	57063	5.662	ug/L	95
52) 1,2-Dibromoethane	9.65	107	37663	5.373	ug/L #	98
53) Chlorobenzene	10.12	112	151199	5.508	ug/L	94
54) Ethylbenzene	10.23	91	263877	5.865	ug/L	99
55) m,p-xylene	10.34	106	99622	5.677	ug/L	97
56) o-xylene	10.68	106	96143	5.928	ug/L	97
57) Styrene	10.70	104	163650	5.916	ug/L	94
58) Isopropylbenzene	11.00	105	265301	5.844	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	44873	5.838	ug/L	95
62) Bromoform	10.84	173	33259	5.252	ug/L	97
63) 1,3-Dichlorobenzene	12.01	146	131772	5.658	ug/L	99
64) 1,4-Dichlorobenzene	12.08	146	136330	5.870	ug/L	93
66) 1,2-Dichlorobenzene	12.38	146	119333	5.488	ug/L	94
67) 1,2-Dibromo-3-chloropropan	12.98	75	9776	5.275	ug/L	96
68) 1,3,5-Trichlorobenzene	13.15	180	100703	5.618	ug/L	95
69) 1,2,4-trichlorobenzene	13.63	180	89900	6.041	ug/L	95
70) Naphthalene	13.82	128	140208	5.764	ug/L	100
71) 1,2,3-Trichlorobenzene	14.00	180	74599	5.571	ug/L	94

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

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