

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX092820\
 Data File : VX018618.D
 Acq On : 28 Sep 2020 15:39
 Operator : JC/SP
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VICV62

Quant Time: Sep 29 01:02:09 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Sep 29 00:54:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	260498	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	254740	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	127786	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	56902	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.70	69	50044	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.34	63	134689	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.40%
20) 2-Butanone-d5	4.56	46	160443	46.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.32%
24) Chloroform-d	5.14	84	141469	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
26) 1,2-Dichloroethane-d4	6.03	65	75648	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
32) Benzene-d6	6.04	84	251476	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
36) 1,2-Dichloropropane-d6	7.37	67	75071	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.80%
41) Toluene-d8	8.70	98	244758	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
45) trans-1,3-Dichloropropene-	8.99	79	35187	4.41	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.20%
48) 2-Hexanone-d5	9.43	63	133116	46.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.30%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	60675	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	91061	4.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	80581	5.111	ug/L 100
3) Chloromethane	1.31	50	67757	5.032	ug/L 95
5) Vinyl chloride	1.39	62	69784	4.948	ug/L 97
6) Bromomethane	1.64	94	42749	5.070	ug/L 99
8) Chloroethane	1.72	64	39563	5.101	ug/L # 82
9) Trichlorofluoromethane	1.92	101	120242	4.922	ug/L 94
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	69554	5.187	ug/L 99
12) 1,1-Dichloroethene	2.36	96	62410	4.907	ug/L 88
13) Acetone	2.45	43	110159	57.257	ug/L 98
14) Carbon disulfide	2.55	76	197409	5.105	ug/L 99
15) Methyl Acetate	2.76	43	28356	5.325	ug/L 100
16) Methylene chloride	2.84	84	71275	4.102	ug/L 94
17) Methyl tert-butyl Ether	3.17	73	157381	5.560	ug/L 98
18) trans-1,2-Dichloroethene	3.14	96	66693	5.247	ug/L 98
19) 1,1-Dichloroethane	3.67	63	123032	5.397	ug/L 100
21) 2-Butanone	4.66	43	169916	55.641	ug/L # 63
22) cis-1,2-Dichloroethene	4.56	96	68507	5.165	ug/L # 85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	34976	5.500	ug/L	90
25) Chloroform	5.17	83	131022	5.259	ug/L	99
27) 1,2-Dichloroethane	6.16	62	88043	5.586	ug/L	96
29) 1,1,1-Trichloroethane	5.46	97	124511	5.132	ug/L	98
30) Cyclohexane	5.54	56	96023	4.975	ug/L	96
31) Carbon tetrachloride	5.75	117	113102	5.055	ug/L	99
33) Benzene	6.11	78	260612	5.306	ug/L	100
34) Trichloroethene	7.18	95	73509	5.173	ug/L	90
35) Methylcyclohexane	7.44	83	101073	5.113	ug/L	95
37) 1,2-Dichloropropane	7.49	63	67422	5.144	ug/L	100
38) Bromodichloromethane	7.87	83	91939	5.197	ug/L	93
39) cis-1,3-Dichloropropene	8.42	75	101108	5.440	ug/L	95
40) 4-Methyl-2-pentanone	8.62	43	406369	55.945	ug/L	99
42) Toluene	8.76	91	286656	5.403	ug/L	97
43) 1,3,5-Trimethylbenzene	11.49	105	256064	5.521	ug/L	96
44) 1,2,4-Trimethylbenzene	11.79	105	259666	5.596	ug/L	100
46) trans-1,3-Dichloropropene	9.02	75	90758	5.354	ug/L	97
47) 1,1,2-Trichloroethane	9.20	97	50265	5.345	ug/L	90
49) Tetrachloroethene	9.32	164	60492	5.406	ug/L	94
50) 2-Hexanone	9.48	43	307940	59.894	ug/L	98
51) Dibromochloromethane	9.56	129	68388	5.557	ug/L	99
52) 1,2-Dibromoethane	9.65	107	48426	5.528	ug/L #	99
53) Chlorobenzene	10.12	112	189588	5.410	ug/L	95
54) Ethylbenzene	10.23	91	309826	5.361	ug/L	98
55) m,p-xylene	10.34	106	121618	5.504	ug/L	99
56) o-xylene	10.68	106	113613	5.442	ug/L	89
57) Styrene	10.70	104	195957	5.685	ug/L	97
58) Isopropylbenzene	11.00	105	308176	5.505	ug/L	100
60) 1,1,2,2-Tetrachloroethane	11.25	83	58666	5.523	ug/L	100
62) Bromoform	10.84	173	36722	5.398	ug/L	97
63) 1,3-Dichlorobenzene	12.01	146	154288	5.554	ug/L	98
64) 1,4-Dichlorobenzene	12.08	146	159369	5.679	ug/L	98
66) 1,2-Dichlorobenzene	12.38	146	143182	5.532	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.98	75	11345	5.155	ug/L #	80
68) 1,3,5-Trichlorobenzene	13.15	180	114133	5.472	ug/L	93
69) 1,2,4-trichlorobenzene	13.63	180	95077	5.561	ug/L	99
70) Naphthalene	13.82	128	160217	5.544	ug/L	99
71) 1,2,3-Trichlorobenzene	14.00	180	91908	5.949	ug/L	96

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

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