

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100820\
 Data File : VX018833.D
 Acq On : 08 Oct 2020 10:52
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00599

Quant Time: Oct 09 04:47:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 08 11:58:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	129230	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	129768	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	68557	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	45367	6.01	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	120.20%
7) Chloroethane-d5	1.70	69	37713	6.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	127.60%
11) 1,1-Dichloroethene-d2	2.34	63	96822	5.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.80%
20) 2-Butanone-d5	4.55	46	112671	56.90	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.80%
24) Chloroform-d	5.14	84	101046	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
26) 1,2-Dichloroethane-d4	6.03	65	56880	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	6.05	84	178799	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
36) 1,2-Dichloropropane-d6	7.37	67	52499	5.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.60%
41) Toluene-d8	8.70	98	171331	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
45) trans-1,3-Dichloropropene-	8.99	79	24637	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
48) 2-Hexanone-d5	9.43	63	95202	56.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.26%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	40147	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	64991	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.18	85	42319	4.878	ug/L	97
3) Chloromethane	1.31	50	31823	5.091	ug/L	100
5) Vinyl chloride	1.39	62	36782	5.275	ug/L	96
6) Bromomethane	1.64	94	19303	4.672	ug/L	94
8) Chloroethane	1.72	64	22419	5.301	ug/L	96
9) Trichlorofluoromethane	1.92	101	73522	4.942	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	38604	5.320	ug/L	98
12) 1,1-Dichloroethene	2.36	96	34314	5.330	ug/L	95
13) Acetone	2.45	43	56858	52.596	ug/L	99
14) Carbon disulfide	2.55	76	98486	4.888	ug/L	99
15) Methyl Acetate	2.76	43	15275	5.749	ug/L	90
16) Methylene chloride	2.83	84	38804	4.971	ug/L	98
17) Methyl tert-butyl Ether	3.17	73	81432	4.904	ug/L	98
18) trans-1,2-Dichloroethene	3.14	96	34856	5.057	ug/L	99
19) 1,1-Dichloroethane	3.67	63	66139	5.397	ug/L	97
21) 2-Butanone	4.65	43	85811	54.527	ug/L	94
22) cis-1,2-Dichloroethene	4.56	96	35852	5.043	ug/L #	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	18092	5.020	ug/L	88
25) Chloroform	5.18	83	73861	5.275	ug/L	98
27) 1,2-Dichloroethane	6.16	62	48209	4.739	ug/L #	95
29) 1,1,1-Trichloroethane	5.46	97	70573	4.597	ug/L	97
30) Cyclohexane	5.55	56	49804	4.678	ug/L	99
31) Carbon tetrachloride	5.75	117	67359	4.757	ug/L	98
33) Benzene	6.11	78	138134	5.083	ug/L	100
34) Trichloroethene	7.18	95	37582	4.684	ug/L	94
35) Methylcyclohexane	7.44	83	52272	4.598	ug/L	93
37) 1,2-Dichloropropane	7.49	63	34294	5.038	ug/L	99
38) Bromodichloromethane	7.87	83	50964	4.694	ug/L #	98
39) cis-1,3-Dichloropropene	8.42	75	52208	4.805	ug/L	96
40) 4-Methyl-2-pentanone	8.62	43	207255	52.550	ug/L	99
42) Toluene	8.76	91	156661	5.268	ug/L	100
43) 1,3,5-Trimethylbenzene	11.49	105	132377	4.704	ug/L	98
44) 1,2,4-Trimethylbenzene	11.79	105	138686	4.855	ug/L	98
46) trans-1,3-Dichloropropene	9.02	75	50219	5.006	ug/L	96
47) 1,1,2-Trichloroethane	9.20	97	25707	5.004	ug/L	96
49) Tetrachloroethene	9.32	164	33982	4.845	ug/L	97
50) 2-Hexanone	9.47	43	158318	55.270	ug/L	98
51) Dibromochloromethane	9.56	129	36431	4.879	ug/L	99
52) 1,2-Dibromoethane	9.65	107	24919	4.798	ug/L	99
53) Chlorobenzene	10.12	112	102529	5.041	ug/L	97
54) Ethylbenzene	10.23	91	164737	4.942	ug/L	99
55) m,p-xylene	10.34	106	63768	4.904	ug/L	93
56) o-xylene	10.68	106	60906	5.069	ug/L	99
57) Styrene	10.70	104	104473	5.097	ug/L	90
58) Isopropylbenzene	11.00	105	163436	4.859	ug/L	98
60) 1,1,2,2-Tetrachloroethane	11.25	83	30503	5.357	ug/L	99
62) Bromoform	10.84	173	20595	4.545	ug/L #	95
63) 1,3-Dichlorobenzene	12.01	146	83226	4.994	ug/L	98
64) 1,4-Dichlorobenzene	12.08	146	83800	5.043	ug/L	99
66) 1,2-Dichlorobenzene	12.38	146	80988	5.205	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.99	75	6047	4.561	ug/L	87
68) 1,3,5-Trichlorobenzene	13.15	180	60345	4.705	ug/L	97
69) 1,2,4-trichlorobenzene	13.63	180	48553	4.560	ug/L	99
70) Naphthalene	13.82	128	84567	4.859	ug/L	98
71) 1,2,3-Trichlorobenzene	14.01	180	48175	5.028	ug/L	99

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

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