

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100520\
 Data File : VX018779.D
 Acq On : 05 Oct 2020 20:53
 Operator : JC/SP
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00593

Quant Time: Oct 06 01:48:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 06 01:36:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	142373	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	136823	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	68639	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	37957	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.70	69	32754	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.34	63	86213	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.00%
20) 2-Butanone-d5	4.56	46	136257	62.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.92%
24) Chloroform-d	5.14	84	100209	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
26) 1,2-Dichloroethane-d4	6.03	65	57199	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	6.05	84	180938	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	7.37	67	54469	5.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.80%
41) Toluene-d8	8.70	98	167714	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
45) trans-1,3-Dichloropropene-	8.99	79	24302	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
48) 2-Hexanone-d5	9.43	63	114944	64.85	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.70%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	45537	5.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.00%
65) 1,2-Dichlorobenzene-d4	12.36	152	68821	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.18	85	45208	4.730	ug/L	98
3) Chloromethane	1.31	50	38107	5.534	ug/L	99
5) Vinyl chloride	1.39	62	41300	5.376	ug/L	99
6) Bromomethane	1.64	94	24225	5.322	ug/L	99
8) Chloroethane	1.72	64	24540	5.267	ug/L	94
9) Trichlorofluoromethane	1.92	101	75856	4.628	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.36	101	40813	5.105	ug/L	98
12) 1,1-Dichloroethene	2.36	96	38855	5.479	ug/L	78
13) Acetone	2.46	43	60946	51.173	ug/L	99
14) Carbon disulfide	2.55	76	111937	5.043	ug/L	100
15) Methyl Acetate	2.76	43	15788	5.394	ug/L	92
16) Methylene chloride	2.83	84	41004	4.768	ug/L	97
17) Methyl tert-butyl Ether	3.17	73	96230	5.261	ug/L	97
18) trans-1,2-Dichloroethene	3.14	96	40529	5.337	ug/L	94
19) 1,1-Dichloroethane	3.67	63	73685	5.458	ug/L	98
21) 2-Butanone	4.66	43	100437	57.929	ug/L	99
22) cis-1,2-Dichloroethene	4.56	96	41655	5.319	ug/L #	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	20669	5.206	ug/L	93
25) Chloroform	5.18	83	79505	5.154	ug/L	99
27) 1,2-Dichloroethane	6.16	62	51212	4.569	ug/L	97
29) 1,1,1-Trichloroethane	5.46	97	76749	4.742	ug/L	99
30) Cyclohexane	5.54	56	61733	5.499	ug/L	96
31) Carbon tetrachloride	5.75	117	70317	4.710	ug/L	100
33) Benzene	6.11	78	158148	5.520	ug/L	100
34) Trichloroethene	7.19	95	43205	5.107	ug/L	95
35) Methylcyclohexane	7.44	83	62572	5.220	ug/L	96
37) 1,2-Dichloropropane	7.49	63	39918	5.561	ug/L	100
38) Bromodichloromethane	7.87	83	56117	4.902	ug/L #	98
39) cis-1,3-Dichloropropene	8.42	75	59979	5.235	ug/L	99
40) 4-Methyl-2-pentanone	8.62	43	244407	58.775	ug/L	99
42) Toluene	8.76	91	175200	5.588	ug/L	96
43) 1,3,5-Trimethylbenzene	11.49	105	156658	5.279	ug/L	95
44) 1,2,4-Trimethylbenzene	11.79	105	163349	5.424	ug/L	99
46) trans-1,3-Dichloropropene	9.02	75	53787	5.085	ug/L	94
47) 1,1,2-Trichloroethane	9.20	97	29781	5.498	ug/L	98
49) Tetrachloroethene	9.32	164	36168	4.891	ug/L	94
50) 2-Hexanone	9.48	43	179946	59.581	ug/L	98
51) Dibromochloromethane	9.56	129	39990	5.079	ug/L	96
52) 1,2-Dibromoethane	9.65	107	28284	5.165	ug/L	95
53) Chlorobenzene	10.12	112	114630	5.345	ug/L	96
54) Ethylbenzene	10.23	91	187228	5.327	ug/L	98
55) m,p-xylene	10.34	106	72880	5.316	ug/L	93
56) o-xylene	10.68	106	69806	5.510	ug/L	98
57) Styrene	10.70	104	116978	5.413	ug/L	91
58) Isopropylbenzene	11.00	105	192106	5.416	ug/L	98
60) 1,1,2,2-Tetrachloroethane	11.25	83	35255	5.872	ug/L	99
62) Bromoform	10.84	173	22289	4.913	ug/L	95
63) 1,3-Dichlorobenzene	12.01	146	91020	5.456	ug/L	97
64) 1,4-Dichlorobenzene	12.08	146	89877	5.402	ug/L	96
66) 1,2-Dichlorobenzene	12.38	146	87262	5.602	ug/L	100
67) 1,2-Dibromo-3-chloropropan	12.98	75	6889	5.189	ug/L	94
68) 1,3,5-Trichlorobenzene	13.15	180	67697	5.272	ug/L	97
69) 1,2,4-trichlorobenzene	13.63	180	53176	4.988	ug/L	98
70) Naphthalene	13.82	128	94431	5.419	ug/L	99
71) 1,2,3-Trichlorobenzene	14.00	180	51648	5.384	ug/L	96

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

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