

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100720\
 Data File : VX018831.D
 Acq On : 07 Oct 2020 23:38
 Operator : JC/SP
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD00598

Quant Time: Oct 08 01:21:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 08 01:16:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	133508	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	130740	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	66413	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	44152	5.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.20%
7) Chloroethane-d5	1.70	69	35682	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	117.00%
11) 1,1-Dichloroethene-d2	2.34	63	94730	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.60%
20) 2-Butanone-d5	4.56	46	115828	56.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.24%
24) Chloroform-d	5.14	84	96963	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	6.03	65	53998	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	6.05	84	172737	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
36) 1,2-Dichloropropane-d6	7.37	67	49714	5.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.80%
41) Toluene-d8	8.70	98	163121	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
45) trans-1,3-Dichloropropene-	8.99	79	23530	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
48) 2-Hexanone-d5	9.43	63	96038	56.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.40%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	40555	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
65) 1,2-Dichlorobenzene-d4	12.36	152	60917	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	41284	4.606	ug/L 99
3) Chloromethane	1.31	50	33210	5.143	ug/L 98
5) Vinyl chloride	1.39	62	36031	5.002	ug/L 93
6) Bromomethane	1.64	94	19496	4.567	ug/L 97
8) Chloroethane	1.72	64	23037	5.272	ug/L 98
9) Trichlorofluoromethane	1.92	101	72048	4.687	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	37552	5.009	ug/L 98
12) 1,1-Dichloroethene	2.36	96	35776	5.379	ug/L 88
13) Acetone	2.46	43	55856	50.013	ug/L 97
14) Carbon disulfide	2.55	76	99462	4.779	ug/L 99
15) Methyl Acetate	2.76	43	13550	4.936	ug/L 99
16) Methylene chloride	2.83	84	37001	4.588	ug/L 97
17) Methyl tert-butyl Ether	3.17	73	84970	4.954	ug/L 98
18) trans-1,2-Dichloroethene	3.14	96	35428	4.975	ug/L 97
19) 1,1-Dichloroethane	3.67	63	65757	5.194	ug/L 97
21) 2-Butanone	4.66	43	91044	55.998	ug/L 95
22) cis-1,2-Dichloroethene	4.56	96	37422	5.096	ug/L # 91

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

23) Bromochloromethane	4.98	128	18103	4.862	ug/L	94
25) Chloroform	5.18	83	72976	5.044	ug/L	96
27) 1,2-Dichloroethane	6.17	62	49331	4.694	ug/L #	95
29) 1,1,1-Trichloroethane	5.46	97	70536	4.561	ug/L	98
30) Cyclohexane	5.55	56	52832	4.925	ug/L	97
31) Carbon tetrachloride	5.75	117	65546	4.595	ug/L	99
33) Benzene	6.11	78	141637	5.173	ug/L	100
34) Trichloroethene	7.19	95	38028	4.704	ug/L	98
35) Methylcyclohexane	7.44	83	53198	4.644	ug/L	96
37) 1,2-Dichloropropane	7.49	63	35695	5.204	ug/L	98
38) Bromodichloromethane	7.87	83	51884	4.743	ug/L #	96
39) cis-1,3-Dichloropropene	8.42	75	51700	4.722	ug/L	100
40) 4-Methyl-2-pentanone	8.62	43	219751	55.305	ug/L	99
42) Toluene	8.76	91	152221	5.081	ug/L	99
43) 1,3,5-Trimethylbenzene	11.49	105	134353	4.738	ug/L	97
44) 1,2,4-Trimethylbenzene	11.79	105	138827	4.824	ug/L	96
46) trans-1,3-Dichloropropene	9.02	75	48828	4.831	ug/L	96
47) 1,1,2-Trichloroethane	9.20	97	26920	5.201	ug/L	97
49) Tetrachloroethene	9.32	164	31949	4.521	ug/L	96
50) 2-Hexanone	9.48	43	163187	56.546	ug/L	98
51) Dibromochloromethane	9.57	129	35901	4.772	ug/L	98
52) 1,2-Dibromoethane	9.65	107	25218	4.819	ug/L #	89
53) Chlorobenzene	10.12	112	101114	4.934	ug/L	92
54) Ethylbenzene	10.23	91	166469	4.957	ug/L	100
55) m,p-xylene	10.34	106	63239	4.828	ug/L	90
56) o-xylene	10.68	106	61492	5.080	ug/L	95
57) Styrene	10.70	104	104822	5.076	ug/L	92
58) Isopropylbenzene	11.00	105	166451	4.911	ug/L	99
60) 1,1,2,2-Tetrachloroethane	11.25	83	32458	5.657	ug/L	98
62) Bromoform	10.84	173	21171	4.823	ug/L	99
63) 1,3-Dichlorobenzene	12.01	146	83376	5.165	ug/L	97
64) 1,4-Dichlorobenzene	12.08	146	82408	5.119	ug/L	99
66) 1,2-Dichlorobenzene	12.37	146	77825	5.164	ug/L	98
67) 1,2-Dibromo-3-chloropropan	12.98	75	5969	4.647	ug/L	89
68) 1,3,5-Trichlorobenzene	13.15	180	58235	4.687	ug/L	99
69) 1,2,4-trichlorobenzene	13.63	180	46165	4.475	ug/L	98
70) Naphthalene	13.82	128	80304	4.763	ug/L	99
71) 1,2,3-Trichlorobenzene	14.00	180	46294	4.988	ug/L	99

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

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