

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX110220\
 Data File : VX019218.D
 Acq On : 02 Nov 2020 17:48
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050410

Quant Time: Nov 03 07:26:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXLM110220WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 02 14:52:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	417510	50.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	390219	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	197327	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	167375	46.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.14%
7) Chloroethane-d5	1.70	69	131891	49.42	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.84%
11) 1,1-Dichloroethene-d2	2.35	63	290516	48.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.98%
21) 2-Butanone-d5	4.53	46	205606	112.12	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.12%
24) Chloroform-d	5.14	84	285518	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
26) 1,2-Dichloroethane-d4	6.03	65	189585	45.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.16%
32) Benzene-d6	6.05	84	584725	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.54%
36) 1,2-Dichloropropane-d6	7.37	67	175284	49.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.02%
41) Toluene-d8	8.70	98	548190	44.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.16%
43) trans-1,3-Dichloropropene-	8.99	79	92460	48.74	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.48%
47) 2-Hexanone-d5	9.43	63	167694	113.50	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.50%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	235584	55.83	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.66%
66) 1,2-Dichlorobenzene-d4	12.36	152	195115	49.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.18	85	138536	52.351	ug/L 100
3) Chloromethane	1.31	50	139590	51.926	ug/L 99
5) Vinyl chloride	1.39	62	159709	52.706	ug/L 99
6) Bromomethane	1.64	94	107689	53.779	ug/L 99
8) Chloroethane	1.72	64	104173	55.162	ug/L 100
9) Trichlorofluoromethane	1.92	101	240374	53.469	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.37	101	137301	52.953	ug/L 100
12) 1,1-Dichloroethene	2.36	96	132693	52.737	ug/L # 81
13) Acetone	2.43	43	127391	112.414	ug/L 99
14) Carbon disulfide	2.56	76	383394	50.491	ug/L 99
15) Methyl Acetate	2.75	43	138475	55.993	ug/L 99
16) Methylene chloride	2.84	84	149588	53.314	ug/L 98
17) trans-1,2-Dichloroethene	3.14	96	142538	52.696	ug/L 98
18) Methyl tert-butyl Ether	3.17	73	465779	54.472	ug/L 100
19) 1,1-Dichloroethane	3.67	63	256201	53.305	ug/L 98
20) cis-1,2-Dichloroethene	4.56	96	156640	52.724	ug/L 96
22) 2-Butanone	4.64	43	205548	114.851	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.98	128	79546	53.163	ug/L	95
25) Chloroform	5.17	83	280199	55.539	ug/L	97
27) 1,2-Dichloroethane	6.16	62	215307	54.203	ug/L	99
29) Cyclohexane	5.55	56	237184	52.804	ug/L	99
30) 1,1,1-Trichloroethane	5.46	97	247071	52.523	ug/L	100
31) Carbon tetrachloride	5.76	117	209686	51.883	ug/L	100
33) Benzene	6.11	78	594888	53.097	ug/L	100
34) Trichloroethene	7.19	95	158706	51.904	ug/L	97
35) Methylcyclohexane	7.44	83	253436	52.364	ug/L	100
37) 1,2-Dichloropropane	7.49	63	149061	53.567	ug/L	100
38) Bromodichloromethane	7.87	83	203253	52.521	ug/L	99
39) cis-1,3-Dichloropropene	8.42	75	241855	52.312	ug/L	100
40) 4-Methyl-2-pentanone	8.62	43	394027	115.779	ug/L	100
42) Toluene	8.76	91	649819	53.321	ug/L	99
44) trans-1,3-Dichloropropene	9.02	75	241431	53.601	ug/L	99
45) 1,1,2-Trichloroethane	9.20	97	147745	54.046	ug/L	99
46) Tetrachloroethene	9.32	164	118105	51.195	ug/L	94
48) 2-Hexanone	9.47	43	310676	115.849	ug/L	100
49) Dibromochloromethane	9.56	129	162518	54.349	ug/L	99
50) 1,2-Dibromoethane	9.65	107	157698	55.157	ug/L	98
51) Chlorobenzene	10.12	112	412635	54.450	ug/L	99
52) Ethylbenzene	10.23	91	719936	54.646	ug/L	99
53) m,p-Xylene	10.34	106	272237	55.005	ug/L	98
54) o-Xylene	10.68	106	265520	55.409	ug/L	99
55) Styrene	10.70	104	458526	56.719	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.25	83	224232	59.841	ug/L	98
59) Bromoform	10.84	173	114641	53.633	ug/L	100
60) Isopropylbenzene	11.00	105	707043	52.795	ug/L	100
61) 1,2,3-Trichloropropane	11.28	75	189821	56.474	ug/L	100
62) 1,3,5-Trimethylbenzene	11.49	105	598347	54.309	ug/L	99
63) 1,2,4-Trimethylbenzene	11.79	105	571344	54.827	ug/L	99
64) 1,3-Dichlorobenzene	12.01	146	311066	53.799	ug/L	97
65) 1,4-Dichlorobenzene	12.08	146	312055	53.190	ug/L	96
67) 1,2-Dichlorobenzene	12.37	146	300852	53.739	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.98	75	50883	55.587	ug/L	97
69) 1,3,5-Trichlorobenzene	13.15	180	220073	54.348	ug/L	96
70) 1,2,4-trichlorobenzene	13.63	180	201124	53.890	ug/L	100
71) Naphthalene	13.82	128	661585	54.823	ug/L	99
72) 1,2,3-Trichlorobenzene	14.00	180	195386	53.501	ug/L	99

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

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