

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111524\
 Data File : VX043860.D
 Acq On : 15 Nov 2024 08:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050789

Quant Time: Nov 16 00:10:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 03:21:47 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	240622	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	211798	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	106686	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	70410	47.125	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	94.260%
7) Chloroethane-d5	1.648	69	48100	47.777	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.560%
11) 1,1-Dichloroethene-d2	2.294	65	33926	50.327	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	100.660%
21) 2-Butanone-d5	4.453	46	88192	111.000	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.000%
24) Chloroform-d	5.050	84	155378	48.878	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.760%
26) 1,2-Dichloroethane-d4	5.946	65	99793	49.158	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.320%
32) Benzene-d6	5.964	84	291534	49.474	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.940%
36) 1,2-Dichloropropane-d6	7.300	67	81312	48.451	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.900%
41) Toluene-d8	8.641	98	273347	49.059	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.120%
43) trans-1,3-Dichloroprop...	8.946	79	43884	51.886	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.780%
47) 2-Hexanone-d5	9.385	63	67982	109.967	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.970%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	115838	50.163	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.320%
66) 1,2-Dichlorobenzene-d4	12.317	152	105304	47.314	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.620%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.167	85	94231	52.606	ug/L	98
3) Chloromethane	1.295	50	71361	49.384	ug/L	100
5) Vinyl chloride	1.374	62	76601	49.425	ug/L	97
6) Bromomethane	1.599	94	48223	47.064	ug/L	95
8) Chloroethane	1.666	64	41426	49.146	ug/L	92
9) Trichlorofluoromethane	1.868	101	139202	49.763	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	82529	52.305	ug/L	100
12) 1,1-Dichloroethene	2.307	96	72100	49.720	ug/L #	78
13) Acetone	2.380	43	84681	88.826	ug/L	99
14) Carbon disulfide	2.502	76	156576	51.190	ug/L	98
15) Methyl Acetate	2.703	43	67254	51.209	ug/L	100
16) Methylene chloride	2.782	84	77119	48.687	ug/L	97
17) trans-1,2-Dichloroethene	3.081	96	73209	50.085	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	253969	49.844	ug/L	99
19) 1,1-Dichloroethane	3.599	63	125003	48.502	ug/L	98
20) cis-1,2-Dichloroethene	4.477	96	86476	49.299	ug/L	100
22) 2-Butanone	4.556	43	97415	94.084	ug/L	99
23) Bromochloromethane	4.891	128	46146	48.953	ug/L	90
25) Chloroform	5.087	83	147347	49.342	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.074	62	115567	49.359	ug/L	96
29) Cyclohexane	5.458	56	113225	51.445	ug/L	99
30) 1,1,1-Trichloroethane	5.367	97	134393	50.916	ug/L	99
31) Carbon tetrachloride	5.666	117	120777	53.028	ug/L	97
33) Benzene	6.025	78	290569	50.287	ug/L	100
34) Trichloroethene	7.111	95	88241	46.007	ug/L	94
35) Methylcyclohexane	7.373	83	129714	52.915	ug/L	98
37) 1,2-Dichloropropane	7.422	63	71619	50.801	ug/L	99
38) Bromodichloromethane	7.818	83	99737	51.001	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	124542	52.185	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	171239	103.062	ug/L	99
42) Toluene	8.714	91	317184	50.302	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	116915	52.816	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	80371	49.474	ug/L	97
46) Tetrachloroethene	9.269	164	68282	49.492	ug/L	92
48) 2-Hexanone	9.427	43	140901	103.036	ug/L	99
49) Dibromochloromethane	9.519	129	84823	53.091	ug/L	96
50) 1,2-Dibromoethane	9.604	107	87791	50.265	ug/L	99
51) Chlorobenzene	10.073	112	213118	49.471	ug/L	98
52) Ethylbenzene	10.189	91	348863	50.574	ug/L	98
53) m,p-Xylene	10.299	106	137742	49.671	ug/L	93
54) o-Xylene	10.640	106	137737	49.887	ug/L	95
55) Styrene	10.653	104	224936	50.055	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.207	83	114519	48.877	ug/L	98
59) Bromoform	10.799	173	58694	53.125	ug/L	97
60) Isopropylbenzene	10.957	105	358960	50.021	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	89075	48.947	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	305609	50.571	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	305682	50.812	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	166474	48.830	ug/L	98
65) 1,4-Dichlorobenzene	12.037	146	162517	47.729	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	165483	47.603	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	23843	54.214	ug/L	97
69) 1,3,5-Trichlorobenzene	13.110	180	114524	50.124	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	101963	49.873	ug/L	99
71) Naphthalene	13.774	128	362961	50.939	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	106170	50.580	ug/L	99

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

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