

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121324\
 Data File : VX044267.D
 Acq On : 13 Dec 2024 08:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050799

Quant Time: Dec 13 22:47:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 07 03:56:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	201692	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	175453	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	78639	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	81166	43.975	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.960%
7) Chloroethane-d5	1.648	69	64234	44.926	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.860%
11) 1,1-Dichloroethene-d2	2.294	65	34039	43.123	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.240%
21) 2-Butanone-d5	4.452	46	111098	98.313	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.310%
24) Chloroform-d	5.044	84	162772	46.447	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.900%
26) 1,2-Dichloroethane-d4	5.946	65	110114	44.432	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.860%
32) Benzene-d6	5.958	84	286303	47.226	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.460%
36) 1,2-Dichloropropane-d6	7.299	67	89759	47.682	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.360%
41) Toluene-d8	8.641	98	249709	44.547	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.100%
43) trans-1,3-Dichloroprop...	8.945	79	39882	44.087	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.180%
47) 2-Hexanone-d5	9.384	63	70691	96.312	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.310%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	122960	48.714	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.420%
66) 1,2-Dichlorobenzene-d4	12.317	152	86258	47.078	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.160%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	88507	54.111	ug/L	98
3) Chloromethane	1.294	50	77538	51.387	ug/L	99
5) Vinyl chloride	1.374	62	83240	51.132	ug/L	96
6) Bromomethane	1.599	94	55519	50.177	ug/L	91
8) Chloroethane	1.666	64	55953	51.918	ug/L	96
9) Trichlorofluoromethane	1.874	101	142406	46.950	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	73630	55.119	ug/L	92
12) 1,1-Dichloroethene	2.313	96	59624	50.146	ug/L	81
13) Acetone	2.380	43	113246	112.623	ug/L	93
14) Carbon disulfide	2.502	76	106893	47.457	ug/L	99
15) Methyl Acetate	2.697	43	77203	47.347	ug/L	97
16) Methylene chloride	2.782	84	71256	52.078	ug/L	94
17) trans-1,2-Dichloroethene	3.081	96	61476	49.644	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	245432	49.118	ug/L	97
19) 1,1-Dichloroethane	3.599	63	131844	50.751	ug/L	98
20) cis-1,2-Dichloroethene	4.471	96	76058	50.241	ug/L	96
22) 2-Butanone	4.550	43	131823	108.618	ug/L	98
23) Bromochloromethane	4.891	128	37929	51.376	ug/L #	90
25) Chloroform	5.080	83	150480	51.467	ug/L	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.074	62	123099	50.643	ug/L	97
29) Cyclohexane	5.458	56	116448	53.492	ug/L	99
30) 1,1,1-Trichloroethane	5.367	97	125128	52.537	ug/L	96
31) Carbon tetrachloride	5.666	117	101213	54.255	ug/L	97
33) Benzene	6.025	78	280447	52.636	ug/L	100
34) Trichloroethene	7.117	95	76080	52.302	ug/L	96
35) Methylcyclohexane	7.373	83	117346	55.687	ug/L	97
37) 1,2-Dichloropropane	7.421	63	75476	52.756	ug/L	100
38) Bromodichloromethane	7.812	83	97998	52.283	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	115959	51.748	ug/L	100
40) 4-Methyl-2-pentanone	8.568	43	212705	96.034	ug/L	94
42) Toluene	8.714	91	291073	51.559	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	107060	50.406	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	74343	50.708	ug/L	99
46) Tetrachloroethene	9.269	164	50394	51.934	ug/L	94
48) 2-Hexanone	9.427	43	181094	103.843	ug/L	94
49) Dibromochloromethane	9.519	129	68282	52.691	ug/L	95
50) 1,2-Dibromoethane	9.604	107	75922	50.144	ug/L #	96
51) Chlorobenzene	10.073	112	181854	50.210	ug/L	98
52) Ethylbenzene	10.189	91	322402	51.846	ug/L	98
53) m,p-Xylene	10.299	106	118844	52.764	ug/L	96
54) o-Xylene	10.640	106	118175	51.022	ug/L	98
55) Styrene	10.653	104	200735	53.139	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.207	83	114083	50.161	ug/L	98
59) Bromoform	10.799	173	39905	50.574	ug/L	98
60) Isopropylbenzene	10.957	105	312033	51.421	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	89251	49.002	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	258667	51.365	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	258892	52.383	ug/L	100
64) 1,3-Dichlorobenzene	11.963	146	129365	51.405	ug/L	95
65) 1,4-Dichlorobenzene	12.036	146	130151	51.681	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	132139	51.713	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	20517	49.564	ug/L	91
69) 1,3,5-Trichlorobenzene	13.109	180	82260	52.390	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	73986	52.899	ug/L	96
71) Naphthalene	13.774	128	282367	49.520	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	74668	50.255	ug/L	97

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

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