

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122624\
 Data File : VX044507.D
 Acq On : 26 Dec 2024 16:07
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050808

Quant Time: Dec 27 03:41:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 27 03:37:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	227014	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	207831	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	101750	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	101444	48.831	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.660%
7) Chloroethane-d5	1.648	69	75831	47.121	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.240%
11) 1,1-Dichloroethene-d2	2.300	65	41474	46.681	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.360%
21) 2-Butanone-d5	4.446	46	110248	86.679	ug/L	-0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.680%
24) Chloroform-d	5.044	84	180558	45.776	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.560%
26) 1,2-Dichloroethane-d4	5.946	65	117862	42.253	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.500%
32) Benzene-d6	5.958	84	337228	46.960	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.920%
36) 1,2-Dichloropropane-d6	7.300	67	100873	45.238	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.480%
41) Toluene-d8	8.641	98	316446	47.658	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.320%
43) trans-1,3-Dichloroprop...	8.946	79	48108	44.895	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.800%
47) 2-Hexanone-d5	9.378	63	74011	85.126	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.130%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	134173	44.875	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.740%
66) 1,2-Dichlorobenzene-d4	12.317	152	109787	46.309	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	88414	48.025	ug/L	100
3) Chloromethane	1.295	50	84392	49.691	ug/L	99
5) Vinyl chloride	1.374	62	87668	47.845	ug/L	99
6) Bromomethane	1.593	94	58509	46.981	ug/L	98
8) Chloroethane	1.672	64	54469	44.903	ug/L	99
9) Trichlorofluoromethane	1.874	101	146228	42.832	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	79873	53.123	ug/L	96
12) 1,1-Dichloroethene	2.313	96	66838	49.943	ug/L	88
13) Acetone	2.380	43	74218	65.577	ug/L	92
14) Carbon disulfide	2.502	76	116188	45.830	ug/L	99
15) Methyl Acetate	2.697	43	80451	43.835	ug/L	100
16) Methylene chloride	2.782	84	82679	53.686	ug/L	94
17) trans-1,2-Dichloroethene	3.081	96	70055	50.261	ug/L	98
18) Methyl tert-butyl Ether	3.105	73	269390	47.899	ug/L	97
19) 1,1-Dichloroethane	3.599	63	144947	49.571	ug/L	97
20) cis-1,2-Dichloroethene	4.471	96	89744	52.669	ug/L	97
22) 2-Butanone	4.550	43	111526	81.643	ug/L	99
23) Bromochloromethane	4.885	128	47862	57.599	ug/L	99
25) Chloroform	5.080	83	165315	50.234	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.074	62	131272	47.981	ug/L	98
29) Cyclohexane	5.458	56	117176	45.441	ug/L	98
30) 1,1,1-Trichloroethane	5.373	97	133909	47.465	ug/L	98
31) Carbon tetrachloride	5.666	117	111194	50.319	ug/L	97
33) Benzene	6.025	78	302176	47.879	ug/L	100
34) Trichloroethene	7.117	95	84466	49.020	ug/L	94
35) Methylcyclohexane	7.373	83	123940	49.653	ug/L	99
37) 1,2-Dichloropropane	7.421	63	85243	50.300	ug/L	98
38) Bromodichloromethane	7.818	83	125974	56.738	ug/L	99
39) cis-1,3-Dichloropropene	8.360	75	134771	50.774	ug/L	100
40) 4-Methyl-2-pentanone	8.568	43	231672	88.302	ug/L	97
42) Toluene	8.714	91	341361	51.047	ug/L	99
44) trans-1,3-Dichloropropene	8.970	75	126315	50.207	ug/L	98
45) 1,1,2-Trichloroethane	9.147	97	90018	51.834	ug/L	99
46) Tetrachloroethene	9.269	164	64634	56.232	ug/L	95
48) 2-Hexanone	9.427	43	159777	77.346	ug/L	99
49) Dibromochloromethane	9.519	129	82725	53.891	ug/L	99
50) 1,2-Dibromoethane	9.604	107	91741	51.152	ug/L	100
51) Chlorobenzene	10.073	112	229996	53.609	ug/L	96
52) Ethylbenzene	10.189	91	385344	52.313	ug/L	99
53) m,p-Xylene	10.299	106	147375	55.238	ug/L	96
54) o-Xylene	10.640	106	146925	53.553	ug/L	100
55) Styrene	10.653	104	243479	54.413	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.207	83	130776	48.542	ug/L	99
59) Bromoform	10.799	173	53699	52.598	ug/L #	97
60) Isopropylbenzene	10.957	105	387086	49.300	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	100207	42.521	ug/L	98
62) 1,3,5-Trimethylbenzene	11.445	105	320904	49.250	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	317781	49.694	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	170542	52.375	ug/L	97
65) 1,4-Dichlorobenzene	12.036	146	169630	52.058	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	171593	51.901	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	22030	41.131	ug/L	92
69) 1,3,5-Trichlorobenzene	13.109	180	117428	57.801	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	105164	58.113	ug/L	99
71) Naphthalene	13.774	128	358352	48.571	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	108307	56.339	ug/L	98

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

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