

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX123024\
 Data File : VX044532.D
 Acq On : 30 Dec 2024 09:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050811

Quant Time: Dec 31 00:52:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 27 22:07:46 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	235820	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	207303	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	98761	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	91558	42.427	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.860%
7) Chloroethane-d5	1.648	69	80948	48.422	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.840%
11) 1,1-Dichloroethene-d2	2.294	65	39677	42.991	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.980%
21) 2-Butanone-d5	4.459	46	121190	91.723	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.720%
24) Chloroform-d	5.050	84	191739	46.795	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.580%
26) 1,2-Dichloroethane-d4	5.946	65	121730	42.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.020%
32) Benzene-d6	5.964	84	337072	47.058	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.120%
36) 1,2-Dichloropropane-d6	7.306	67	104894	47.161	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.320%
41) Toluene-d8	8.647	98	303919	45.888	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.780%
43) trans-1,3-Dichloroprop...	8.946	79	48892	45.743	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.480%
47) 2-Hexanone-d5	9.384	63	82417	95.036	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.040%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	144943	48.600	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	12.317	152	107934	46.906	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	75198	39.321	ug/L	100
3) Chloromethane	1.294	50	67496	38.258	ug/L	99
5) Vinyl chloride	1.374	62	76634	40.262	ug/L	99
6) Bromomethane	1.593	94	51810	40.048	ug/L	98
8) Chloroethane	1.666	64	53218	42.234	ug/L	95
9) Trichlorofluoromethane	1.874	101	142123	40.075	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	75456	48.311	ug/L	96
12) 1,1-Dichloroethene	2.306	96	62912	45.254	ug/L #	64
13) Acetone	2.380	43	71969	61.215	ug/L	94
14) Carbon disulfide	2.502	76	111631	42.388	ug/L	99
15) Methyl Acetate	2.703	43	78444	41.146	ug/L	100
16) Methylene chloride	2.782	84	74008	46.261	ug/L	97
17) trans-1,2-Dichloroethene	3.081	96	64271	44.390	ug/L	92
18) Methyl tert-butyl Ether	3.111	73	243780	41.726	ug/L	97
19) 1,1-Dichloroethane	3.599	63	132831	43.731	ug/L	97
20) cis-1,2-Dichloroethene	4.477	96	81218	45.885	ug/L	99
22) 2-Butanone	4.556	43	107215	75.557	ug/L	98
23) Bromochloromethane	4.891	128	42560	49.306	ug/L	96
25) Chloroform	5.086	83	151218	44.234	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	116538	41.005	ug/L	100
29) Cyclohexane	5.458	56	105846	41.151	ug/L	98
30) 1,1,1-Trichloroethane	5.373	97	128731	45.746	ug/L	98
31) Carbon tetrachloride	5.672	117	106663	48.392	ug/L	100
33) Benzene	6.031	78	281636	44.738	ug/L	100
34) Trichloroethene	7.117	95	76882	44.733	ug/L	96
35) Methylcyclohexane	7.373	83	111176	44.653	ug/L	99
37) 1,2-Dichloropropane	7.421	63	76468	45.237	ug/L	99
38) Bromodichloromethane	7.818	83	102827	46.431	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	125576	47.430	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	220522	84.266	ug/L	96
42) Toluene	8.714	91	303566	45.511	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	112616	44.876	ug/L	98
45) 1,1,2-Trichloroethane	9.147	97	80153	46.271	ug/L	98
46) Tetrachloroethene	9.269	164	59592	51.977	ug/L	93
48) 2-Hexanone	9.427	43	161464	78.362	ug/L	97
49) Dibromochloromethane	9.519	129	78394	51.200	ug/L	100
50) 1,2-Dibromoethane	9.604	107	82580	46.162	ug/L	100
51) Chlorobenzene	10.079	112	196479	45.913	ug/L	95
52) Ethylbenzene	10.189	91	335141	45.614	ug/L	98
53) m,p-Xylene	10.299	106	129060	48.497	ug/L	96
54) o-Xylene	10.640	106	124820	45.612	ug/L	99
55) Styrene	10.653	104	212493	47.609	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.207	83	119853	44.601	ug/L	98
59) Bromoform	10.799	173	50563	51.025	ug/L	100
60) Isopropylbenzene	10.957	105	335797	44.063	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	92097	40.263	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	276367	43.698	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	268542	43.265	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	147956	46.813	ug/L	96
65) 1,4-Dichlorobenzene	12.036	146	146305	46.259	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	149305	46.526	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	21604	41.556	ug/L	94
69) 1,3,5-Trichlorobenzene	13.109	180	100563	50.998	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	86418	49.199	ug/L	94
71) Naphthalene	13.774	128	307717	42.971	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	93137	49.914	ug/L	97

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

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