

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122624\
 Data File : VX044494.D
 Acq On : 26 Dec 2024 08:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050807

Quant Time: Dec 27 03:08:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Dec 18 04:40:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	236450	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	210112	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	101912	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.374	65	98428	45.488	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.980%
7) Chloroethane-d5	1.648	69	68316	40.757	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	81.520%
11) 1,1-Dichloroethene-d2	2.294	65	40276	43.523	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.040%
21) 2-Butanone-d5	4.458	46	92835	70.076	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.080%
24) Chloroform-d	5.050	84	171396	41.719	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.440%
26) 1,2-Dichloroethane-d4	5.946	65	108240	37.255	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	74.520%
32) Benzene-d6	5.964	84	313572	43.192	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.380%
36) 1,2-Dichloropropane-d6	7.299	67	94603	41.966	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.940%
41) Toluene-d8	8.641	98	291277	43.391	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.780%
43) trans-1,3-Dichloroprop...	8.945	79	44005	40.620	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.240%
47) 2-Hexanone-d5	9.384	63	62562	71.177	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	71.180%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	120023	39.707	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	79.420%
66) 1,2-Dichlorobenzene-d4	12.317	152	100274	42.229	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	93240	48.625	ug/L	99
3) Chloromethane	1.294	50	87936	49.711	ug/L	98
5) Vinyl chloride	1.374	62	90996	47.680	ug/L	98
6) Bromomethane	1.599	94	61961	47.767	ug/L	97
8) Chloroethane	1.666	64	59334	46.962	ug/L	96
9) Trichlorofluoromethane	1.874	101	155371	43.694	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	85941	54.878	ug/L	97
12) 1,1-Dichloroethene	2.313	96	72464	51.986	ug/L	88
13) Acetone	2.380	43	87362	74.110	ug/L	94
14) Carbon disulfide	2.502	76	136311	51.621	ug/L	100
15) Methyl Acetate	2.697	43	79997	41.849	ug/L	100
16) Methylene chloride	2.782	84	85282	53.166	ug/L	95
17) trans-1,2-Dichloroethene	3.087	96	74397	51.247	ug/L	95
18) Methyl tert-butyl Ether	3.111	73	275963	47.109	ug/L	98
19) 1,1-Dichloroethane	3.605	63	152365	50.028	ug/L	96
20) cis-1,2-Dichloroethene	4.477	96	92849	52.317	ug/L	99
22) 2-Butanone	4.550	43	113002	79.423	ug/L	100
23) Bromochloromethane	4.885	128	49061	56.686	ug/L	98
25) Chloroform	5.080	83	172822	50.419	ug/L	88

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.074	62	134540	47.213	ug/L	96
29) Cyclohexane	5.458	56	121293	46.527	ug/L	97
30) 1,1,1-Trichloroethane	5.367	97	141854	49.735	ug/L	96
31) Carbon tetrachloride	5.666	117	118840	53.196	ug/L	99
33) Benzene	6.031	78	323242	50.661	ug/L	100
34) Trichloroethene	7.117	95	90223	51.793	ug/L	95
35) Methylcyclohexane	7.373	83	131763	52.214	ug/L	100
37) 1,2-Dichloropropane	7.421	63	87030	50.797	ug/L	100
38) Bromodichloromethane	7.818	83	118340	52.721	ug/L	96
39) cis-1,3-Dichloropropene	8.360	75	138165	51.487	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	213949	80.662	ug/L	96
42) Toluene	8.714	91	345430	51.095	ug/L	99
44) trans-1,3-Dichloropropene	8.970	75	126607	49.777	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	89971	51.244	ug/L	99
46) Tetrachloroethene	9.269	164	67802	58.348	ug/L	95
48) 2-Hexanone	9.427	43	158811	76.044	ug/L	97
49) Dibromochloromethane	9.519	129	87685	56.502	ug/L	99
50) 1,2-Dibromoethane	9.604	107	90239	49.769	ug/L	98
51) Chlorobenzene	10.073	112	223462	51.520	ug/L	96
52) Ethylbenzene	10.189	91	373488	50.153	ug/L	98
53) m,p-Xylene	10.299	106	137922	51.134	ug/L	98
54) o-Xylene	10.640	106	142436	51.353	ug/L	95
55) Styrene	10.652	104	236454	52.269	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.207	83	127253	46.722	ug/L	99
59) Bromoform	10.799	173	57371	56.105	ug/L	98
60) Isopropylbenzene	10.957	105	377558	48.011	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	96162	40.740	ug/L	99
62) 1,3,5-Trimethylbenzene	11.445	105	310068	47.511	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	303213	47.341	ug/L	95
64) 1,3-Dichlorobenzene	11.969	146	169979	52.119	ug/L	97
65) 1,4-Dichlorobenzene	12.036	146	171699	52.609	ug/L	95
67) 1,2-Dichlorobenzene	12.329	146	168931	51.014	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	22375	41.709	ug/L	85
69) 1,3,5-Trichlorobenzene	13.109	180	114433	56.238	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	102508	56.555	ug/L	99
71) Naphthalene	13.774	128	335094	45.347	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	106321	55.218	ug/L	97

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

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