

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110824\
 Data File : VX043750.D
 Acq On : 08 Nov 2024 09:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050781

Quant Time: Nov 08 23:51:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 06 01:38:34 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	187669	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	177462	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	89270	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	41450	41.459	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.920%
7) Chloroethane-d5	1.648	69	23951	55.733	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	111.460%
11) 1,1-Dichloroethene-d2	2.300	65	18899	40.948	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.900%
21) 2-Butanone-d5	4.459	46	60230	92.009	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.010%
24) Chloroform-d	5.050	84	101638	47.158	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.320%
26) 1,2-Dichloroethane-d4	5.946	65	58553	42.765	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.520%
32) Benzene-d6	5.964	84	199964	43.583	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.160%
36) 1,2-Dichloropropane-d6	7.306	67	60596	43.411	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.820%
41) Toluene-d8	8.647	98	180981	43.423	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.840%
43) trans-1,3-Dichloroprop...	8.946	79	27356	40.980	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.960%
47) 2-Hexanone-d5	9.384	63	46621	84.394	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.390%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	81015	45.235	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.460%
66) 1,2-Dichlorobenzene-d4	12.317	152	71514	46.236	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	55656	42.108	ug/L	100
3) Chloromethane	1.288	50	59803	46.557	ug/L	98
5) Vinyl chloride	1.374	62	56107	44.592	ug/L	95
6) Bromomethane	1.599	94	26457	54.262	ug/L	94
8) Chloroethane	1.666	64	30095	67.982	ug/L	96
9) Trichlorofluoromethane	1.874	101	77640	48.625	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	51245	46.730	ug/L	97
12) 1,1-Dichloroethene	2.313	96	47048	46.996	ug/L	77
13) Acetone	2.386	43	57323	94.153	ug/L	96
14) Carbon disulfide	2.502	76	92537	41.814	ug/L	100
15) Methyl Acetate	2.703	43	56810	44.128	ug/L	95
16) Methylene chloride	2.782	84	61317	50.697	ug/L	95
17) trans-1,2-Dichloroethene	3.087	96	50694	47.069	ug/L	93
18) Methyl tert-butyl Ether	3.111	73	188814	46.117	ug/L	98
19) 1,1-Dichloroethane	3.605	63	101052	47.648	ug/L	95
20) cis-1,2-Dichloroethene	4.483	96	68044	50.866	ug/L	93
22) 2-Butanone	4.562	43	79850	90.654	ug/L	98
23) Bromochloromethane	4.891	128	34998	52.047	ug/L	92
25) Chloroform	5.086	83	110535	48.570	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	82187	46.737	ug/L	99
29) Cyclohexane	5.458	56	77937	37.849	ug/L	95
30) 1,1,1-Trichloroethane	5.379	97	83038	38.626	ug/L	99
31) Carbon tetrachloride	5.666	117	69273	39.278	ug/L	99
33) Benzene	6.031	78	231186	45.704	ug/L	100
34) Trichloroethene	7.123	95	57253	42.101	ug/L	96
35) Methylcyclohexane	7.379	83	79516	39.137	ug/L	98
37) 1,2-Dichloropropane	7.421	63	61622	45.734	ug/L	99
38) Bromodichloromethane	7.818	83	74637	43.551	ug/L #	97
39) cis-1,3-Dichloropropene	8.366	75	97410	44.283	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	148877	81.179	ug/L	96
42) Toluene	8.714	91	246126	46.261	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	87625	43.686	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	65021	47.059	ug/L	99
46) Tetrachloroethene	9.269	164	44485	45.446	ug/L	97
48) 2-Hexanone	9.427	43	117294	85.562	ug/L	95
49) Dibromochloromethane	9.519	129	58645	45.538	ug/L	97
50) 1,2-Dibromoethane	9.604	107	65894	46.189	ug/L	98
51) Chlorobenzene	10.079	112	171197	49.236	ug/L	97
52) Ethylbenzene	10.189	91	266451	46.074	ug/L	99
53) m,p-Xylene	10.299	106	107691	48.240	ug/L	93
54) o-Xylene	10.640	106	110846	49.805	ug/L	94
55) Styrene	10.653	104	190209	51.377	ug/L	92
57) 1,1,2,2-Tetrachloroethane	11.207	83	96600	46.681	ug/L	99
59) Bromoform	10.799	173	38644	41.386	ug/L	96
60) Isopropylbenzene	10.957	105	263807	42.619	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	72237	41.688	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	226050	43.447	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	232322	44.847	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	135093	49.617	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	134530	49.057	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	136749	49.148	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	16780	38.673	ug/L	95
69) 1,3,5-Trichlorobenzene	13.109	180	90045	49.585	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	83670	50.251	ug/L	98
71) Naphthalene	13.774	128	279663	45.229	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	84831	49.297	ug/L	98

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

