

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110824\
 Data File : VX043775.D
 Acq On : 08 Nov 2024 19:26
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050782

Quant Time: Nov 09 00:02:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 08 23:56:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	359720	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	323044	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	151836	50.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	82337	42.965	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.940%
7) Chloroethane-d5	1.642	69	40899	49.651	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.300%
11) 1,1-Dichloroethene-d2	2.294	65	36017	40.713	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.420%
21) 2-Butanone-d5	4.465	46	99291	79.133	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	79.130%
24) Chloroform-d	5.056	84	176235	42.659	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.320%
26) 1,2-Dichloroethane-d4	5.952	65	104858	39.955	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.900%
32) Benzene-d6	5.964	84	357588	42.815	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.620%
36) 1,2-Dichloropropane-d6	7.306	67	105027	41.333	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.660%
41) Toluene-d8	8.647	98	325562	42.910	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.820%
43) trans-1,3-Dichloroprop...	8.945	79	47452	39.049	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.100%
47) 2-Hexanone-d5	9.384	63	84223	83.754	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	83.750%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	145804	44.722	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.440%
66) 1,2-Dichlorobenzene-d4	12.317	152	122146	46.430	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.860%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	103333	40.787	ug/L	99
3) Chloromethane	1.294	50	106033	43.066	ug/L	99
5) Vinyl chloride	1.374	62	108700	45.071	ug/L	98
6) Bromomethane	1.593	94	47638	50.973	ug/L	98
8) Chloroethane	1.660	64	42629	50.238	ug/L	94
9) Trichlorofluoromethane	1.867	101	139865	45.699	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	96395	45.859	ug/L	98
12) 1,1-Dichloroethene	2.306	96	89940	46.871	ug/L	85
13) Acetone	2.386	43	81018	69.424	ug/L	93
14) Carbon disulfide	2.502	76	157707	37.178	ug/L	99
15) Methyl Acetate	2.703	43	97479	39.502	ug/L	93
16) Methylene chloride	2.782	84	104728	45.175	ug/L	91
17) trans-1,2-Dichloroethene	3.087	96	95253	46.141	ug/L	91
18) Methyl tert-butyl Ether	3.117	73	330811	42.154	ug/L	98
19) 1,1-Dichloroethane	3.605	63	174854	43.013	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	114944	44.829	ug/L	92
22) 2-Butanone	4.568	43	127038	75.244	ug/L	96
23) Bromochloromethane	4.897	128	60626	47.037	ug/L	93
25) Chloroform	5.093	83	189413	43.421	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	138779	41.173	ug/L	99
29) Cyclohexane	5.464	56	142447	38.002	ug/L	95
30) 1,1,1-Trichloroethane	5.373	97	159263	40.697	ug/L	98
31) Carbon tetrachloride	5.672	117	130826	40.750	ug/L	100
33) Benzene	6.031	78	396877	43.102	ug/L	100
34) Trichloroethene	7.123	95	104588	42.250	ug/L	98
35) Methylcyclohexane	7.373	83	142013	38.398	ug/L	97
37) 1,2-Dichloropropane	7.427	63	104516	42.611	ug/L	99
38) Bromodichloromethane	7.818	83	123579	39.613	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	160435	40.066	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	265056	79.395	ug/L	96
42) Toluene	8.714	91	424934	43.876	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	146780	40.200	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	113997	45.324	ug/L	97
46) Tetrachloroethene	9.269	164	82176	46.118	ug/L	96
48) 2-Hexanone	9.433	43	202267	81.054	ug/L	96
49) Dibromochloromethane	9.519	129	100525	42.880	ug/L	98
50) 1,2-Dibromoethane	9.610	107	117454	45.228	ug/L #	99
51) Chlorobenzene	10.079	112	282523	44.636	ug/L	96
52) Ethylbenzene	10.189	91	453985	43.125	ug/L	98
53) m,p-Xylene	10.299	106	182765	44.974	ug/L	96
54) o-Xylene	10.640	106	184373	45.509	ug/L	93
55) Styrene	10.652	104	309842	45.975	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	171946	45.646	ug/L	98
59) Bromoform	10.799	173	66318	41.757	ug/L	95
60) Isopropylbenzene	10.963	105	463418	44.017	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	125602	42.617	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	386496	43.675	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	388655	44.110	ug/L	97
64) 1,3-Dichlorobenzene	11.969	146	218163	47.109	ug/L	96
65) 1,4-Dichlorobenzene	12.036	146	211544	45.353	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	218710	46.215	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	28904	39.165	ug/L	92
69) 1,3,5-Trichlorobenzene	13.109	180	141446	45.795	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	128837	45.493	ug/L	99
71) Naphthalene	13.774	128	489782	46.571	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	135975	46.457	ug/L	98

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

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