

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111224\
 Data File : VX043826.D
 Acq On : 12 Nov 2024 21:17
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050786

Quant Time: Nov 13 02:12:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML110424WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 13 02:04:29 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	245705	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	224419	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	111248	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	60344	46.101	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.200%
7) Chloroethane-d5	1.648	69	38170	67.840	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	135.680%#
11) 1,1-Dichloroethene-d2	2.294	65	29315	48.514	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.020%
21) 2-Butanone-d5	4.465	46	88367	103.107	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.110%
24) Chloroform-d	5.056	84	158100	56.028	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.060%
26) 1,2-Dichloroethane-d4	5.952	65	96297	53.719	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.440%
32) Benzene-d6	5.964	84	292940	50.488	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.980%
36) 1,2-Dichloropropane-d6	7.306	67	87540	49.591	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	99.180%
41) Toluene-d8	8.647	98	275120	52.198	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.400%
43) trans-1,3-Dichloroprop...	8.952	79	41726	49.427	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.860%
47) 2-Hexanone-d5	9.384	63	71002	101.636	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.640%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	130749	57.729	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	115.460%
66) 1,2-Dichlorobenzene-d4	12.317	152	113551	58.911	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	117.820%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	78286	45.239	ug/L	97
3) Chloromethane	1.294	50	71744	42.661	ug/L	100
5) Vinyl chloride	1.374	62	75955	46.108	ug/L	97
6) Bromomethane	1.593	94	42311	66.281	ug/L	99
8) Chloroethane	1.666	64	37007	63.851	ug/L	93
9) Trichlorofluoromethane	1.867	101	126899	60.703	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	78217	54.478	ug/L	95
12) 1,1-Dichloroethene	2.306	96	71412	54.485	ug/L	86
13) Acetone	2.386	43	61717	77.426	ug/L	95
14) Carbon disulfide	2.501	76	122734	42.359	ug/L	100
15) Methyl Acetate	2.703	43	72094	42.772	ug/L	91
16) Methylene chloride	2.782	84	78170	49.366	ug/L	93
17) trans-1,2-Dichloroethene	3.087	96	72912	51.708	ug/L	92
18) Methyl tert-butyl Ether	3.117	73	264919	49.422	ug/L	98
19) 1,1-Dichloroethane	3.605	63	134184	48.326	ug/L	98
20) cis-1,2-Dichloroethene	4.477	96	88364	50.454	ug/L	92
22) 2-Butanone	4.562	43	93023	80.664	ug/L	94
23) Bromochloromethane	4.897	128	47470	53.920	ug/L	88
25) Chloroform	5.086	83	153213	51.421	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	114772	49.851	ug/L	97
29) Cyclohexane	5.458	56	107875	41.426	ug/L	91
30) 1,1,1-Trichloroethane	5.373	97	130225	47.901	ug/L	98
31) Carbon tetrachloride	5.666	117	111216	49.866	ug/L	100
33) Benzene	6.031	78	306213	47.870	ug/L	100
34) Trichloroethene	7.123	95	84515	49.145	ug/L	97
35) Methylcyclohexane	7.373	83	119258	46.416	ug/L	93
37) 1,2-Dichloropropane	7.427	63	79137	46.444	ug/L	97
38) Bromodichloromethane	7.818	83	100642	46.438	ug/L #	96
39) cis-1,3-Dichloropropene	8.360	75	126729	45.558	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	193518	83.441	ug/L #	94
42) Toluene	8.714	91	332144	49.367	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	117114	46.171	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	89387	51.158	ug/L	97
46) Tetrachloroethene	9.269	164	67604	54.614	ug/L	93
48) 2-Hexanone	9.433	43	147610	85.147	ug/L	94
49) Dibromochloromethane	9.519	129	84309	51.768	ug/L	100
50) 1,2-Dibromoethane	9.610	107	94584	52.427	ug/L	95
51) Chlorobenzene	10.079	112	228484	51.962	ug/L	95
52) Ethylbenzene	10.189	91	369044	50.462	ug/L	98
53) m,p-Xylene	10.299	106	146600	51.929	ug/L	94
54) o-Xylene	10.640	106	149015	52.946	ug/L	92
55) Styrene	10.652	104	251140	53.641	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	134666	51.460	ug/L	99
59) Bromoform	10.799	173	56977	48.965	ug/L	98
60) Isopropylbenzene	10.963	105	386587	50.116	ug/L	98
61) 1,2,3-Trichloropropane	11.238	75	101224	46.876	ug/L	96
62) 1,3,5-Trimethylbenzene	11.451	105	325754	50.241	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	324533	50.271	ug/L	96
64) 1,3-Dichlorobenzene	11.969	146	181254	53.419	ug/L	96
65) 1,4-Dichlorobenzene	12.042	146	179127	52.415	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	184408	53.183	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	23446	43.361	ug/L	90
69) 1,3,5-Trichlorobenzene	13.109	180	120163	53.098	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	109649	52.843	ug/L	98
71) Naphthalene	13.774	128	404336	52.474	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	114131	53.221	ug/L	98

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

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