

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120624\
 Data File : VX044172.D
 Acq On : 06 Dec 2024 16:22
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050798

Quant Time: Dec 07 03:59:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 07 03:56:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	184597	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	165459	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	76490	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	82447	48.806	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.620%
7) Chloroethane-d5	1.642	69	61359	46.889	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.780%
11) 1,1-Dichloroethene-d2	2.294	65	34695	48.024	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.040%
21) 2-Butanone-d5	4.453	46	120104	116.125	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.130%
24) Chloroform-d	5.044	84	160337	49.989	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.980%
26) 1,2-Dichloroethane-d4	5.946	65	109163	48.127	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.260%
32) Benzene-d6	5.964	84	272402	47.647	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.300%
36) 1,2-Dichloropropane-d6	7.300	67	87025	49.022	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.040%
41) Toluene-d8	8.641	98	251267	47.533	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.060%
43) trans-1,3-Dichloroprop...	8.946	79	41943	49.166	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.340%
47) 2-Hexanone-d5	9.379	63	79618	115.027	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	115.030%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	127749	53.668	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.340%
66) 1,2-Dichlorobenzene-d4	12.317	152	88705	49.773	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	66997	44.754	ug/L	99
3) Chloromethane	1.295	50	58012	42.007	ug/L	99
5) Vinyl chloride	1.374	62	66503	44.634	ug/L	96
6) Bromomethane	1.593	94	44223	43.669	ug/L	100
8) Chloroethane	1.666	64	46423	47.064	ug/L	97
9) Trichlorofluoromethane	1.868	101	118120	42.549	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	55801	45.641	ug/L	93
12) 1,1-Dichloroethene	2.307	96	47948	44.061	ug/L #	50
13) Acetone	2.380	43	73596	79.969	ug/L	91
14) Carbon disulfide	2.502	76	84763	41.117	ug/L	98
15) Methyl Acetate	2.703	43	70627	47.325	ug/L	97
16) Methylene chloride	2.782	84	56366	45.010	ug/L	93
17) trans-1,2-Dichloroethene	3.081	96	48852	43.103	ug/L	97
18) Methyl tert-butyl Ether	3.111	73	201339	44.025	ug/L	96
19) 1,1-Dichloroethane	3.599	63	101913	42.862	ug/L	98
20) cis-1,2-Dichloroethene	4.477	96	60956	43.994	ug/L	95
22) 2-Butanone	4.550	43	99588	89.656	ug/L	98
23) Bromochloromethane	4.891	128	29629	43.850	ug/L	90
25) Chloroform	5.080	83	115613	43.203	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	96770	43.498	ug/L #	94
29) Cyclohexane	5.458	56	89544	43.618	ug/L	97
30) 1,1,1-Trichloroethane	5.367	97	98854	44.013	ug/L	97
31) Carbon tetrachloride	5.660	117	77035	43.789	ug/L	100
33) Benzene	6.025	78	213841	42.559	ug/L	100
34) Trichloroethene	7.117	95	58021	42.296	ug/L	98
35) Methylcyclohexane	7.373	83	88279	44.423	ug/L	98
37) 1,2-Dichloropropane	7.422	63	58086	43.053	ug/L #	93
38) Bromodichloromethane	7.818	83	76524	43.292	ug/L	96
39) cis-1,3-Dichloropropene	8.360	75	89584	42.393	ug/L	99
40) 4-Methyl-2-pentanone	8.568	43	194153	92.953	ug/L	95
42) Toluene	8.714	91	226361	42.518	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	87118	43.495	ug/L	98
45) 1,1,2-Trichloroethane	9.147	97	58813	42.538	ug/L	97
46) Tetrachloroethene	9.269	164	40107	43.829	ug/L	95
48) 2-Hexanone	9.427	43	153252	93.186	ug/L	92
49) Dibromochloromethane	9.519	129	52417	42.891	ug/L	99
50) 1,2-Dibromoethane	9.604	107	63425	44.420	ug/L	99
51) Chlorobenzene	10.073	112	145071	42.473	ug/L	97
52) Ethylbenzene	10.189	91	255689	43.601	ug/L	100
53) m,p-Xylene	10.299	106	93375	43.961	ug/L	99
54) o-Xylene	10.640	106	94826	43.414	ug/L	99
55) Styrene	10.653	104	156495	43.930	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.207	83	94313	43.973	ug/L	98
59) Bromoform	10.799	173	32843	42.793	ug/L	98
60) Isopropylbenzene	10.957	105	257013	43.544	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	77619	43.813	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	212035	43.288	ug/L	97
63) 1,2,4-Trimethylbenzene	11.750	105	208517	43.376	ug/L	99
64) 1,3-Dichlorobenzene	11.970	146	104276	42.599	ug/L	96
65) 1,4-Dichlorobenzene	12.037	146	104628	42.713	ug/L	98
67) 1,2-Dichlorobenzene	12.329	146	104758	42.149	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	19305	47.946	ug/L	96
69) 1,3,5-Trichlorobenzene	13.110	180	67201	44.002	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	60759	44.663	ug/L	98
71) Naphthalene	13.774	128	254569	45.899	ug/L	98
72) 1,2,3-Trichlorobenzene	13.957	180	62931	43.546	ug/L	98

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

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