

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120524\
 Data File : VX044136.D
 Acq On : 05 Dec 2024 09:41
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050795

Quant Time: Dec 06 04:07:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120524WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 03:51:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.751	114	226310	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	201214	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	91554	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	83846	40.486	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.980%
7) Chloroethane-d5	1.642	69	58876	36.699	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.400%
11) 1,1-Dichloroethene-d2	2.294	65	34619	39.086	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.180%
21) 2-Butanone-d5	4.465	46	109149	86.082	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	86.080%
24) Chloroform-d	5.044	84	156168	39.715	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.440%
26) 1,2-Dichloroethane-d4	5.952	65	106167	38.179	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	76.360%
32) Benzene-d6	5.964	84	274840	39.531	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.060%
36) 1,2-Dichloropropane-d6	7.306	67	84115	38.963	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	77.920%
41) Toluene-d8	8.641	98	249465	38.806	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.620%#
43) trans-1,3-Dichloroprop...	8.946	79	40307	38.852	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.700%
47) 2-Hexanone-d5	9.384	63	71390	84.812	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.810%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	120070	41.479	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	82.960%
66) 1,2-Dichlorobenzene-d4	12.317	152	83127	38.969	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.940%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	94230	51.343	ug/L	98
3) Chloromethane	1.294	50	80285	47.420	ug/L	98
5) Vinyl chloride	1.374	62	90217	49.390	ug/L	99
6) Bromomethane	1.593	94	57736	46.504	ug/L	98
8) Chloroethane	1.660	64	52697	43.578	ug/L	95
9) Trichlorofluoromethane	1.868	101	187865	55.199	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	75944	50.667	ug/L	94
12) 1,1-Dichloroethene	2.307	96	62847	47.107	ug/L	79
13) Acetone	2.386	43	119658	106.055	ug/L	91
14) Carbon disulfide	2.502	76	112849	44.651	ug/L	99
15) Methyl Acetate	2.703	43	88799	48.535	ug/L	97
16) Methylene chloride	2.782	84	73003	47.551	ug/L	89
17) trans-1,2-Dichloroethene	3.081	96	65805	47.359	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	265027	47.269	ug/L	96
19) 1,1-Dichloroethane	3.599	63	140555	48.218	ug/L	98
20) cis-1,2-Dichloroethene	4.477	96	80150	47.185	ug/L	96
22) 2-Butanone	4.562	43	147336	108.194	ug/L	97
23) Bromochloromethane	4.898	128	40353	48.713	ug/L	95
25) Chloroform	5.086	83	156224	47.619	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	133531	48.959	ug/L	96
29) Cyclohexane	5.458	56	126383	50.623	ug/L	98
30) 1,1,1-Trichloroethane	5.373	97	131430	48.118	ug/L #	74
31) Carbon tetrachloride	5.666	117	108357	50.648	ug/L	98
33) Benzene	6.031	78	289856	47.437	ug/L	100
34) Trichloroethene	7.117	95	79334	47.556	ug/L	98
35) Methylcyclohexane	7.373	83	126986	52.546	ug/L	96
37) 1,2-Dichloropropane	7.428	63	75970	46.303	ug/L	100
38) Bromodichloromethane	7.818	83	102333	47.606	ug/L	98
39) cis-1,3-Dichloropropene	8.360	75	126420	49.194	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	261660	103.012	ug/L	93
42) Toluene	8.714	91	315487	48.729	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	118972	48.843	ug/L	97
45) 1,1,2-Trichloroethane	9.147	97	79470	47.265	ug/L	98
46) Tetrachloroethene	9.269	164	52631	47.295	ug/L	97
48) 2-Hexanone	9.433	43	214802	107.403	ug/L	94
49) Dibromochloromethane	9.519	129	71972	48.428	ug/L	99
50) 1,2-Dibromoethane	9.604	107	84644	48.747	ug/L	98
51) Chlorobenzene	10.073	112	194352	46.790	ug/L	97
52) Ethylbenzene	10.189	91	359392	50.395	ug/L	98
53) m,p-Xylene	10.299	106	129410	50.100	ug/L	97
54) o-Xylene	10.640	106	129273	48.668	ug/L	95
55) Styrene	10.653	104	217092	50.111	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.207	83	128940	49.435	ug/L	96
59) Bromoform	10.799	173	44855	48.828	ug/L	98
60) Isopropylbenzene	10.957	105	352359	49.875	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	102283	48.236	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	292794	49.940	ug/L	98
63) 1,2,4-Trimethylbenzene	11.750	105	286705	49.828	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	141275	48.218	ug/L	96
65) 1,4-Dichlorobenzene	12.043	146	142432	48.579	ug/L	96
67) 1,2-Dichlorobenzene	12.335	146	145671	48.967	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.945	75	25538	52.991	ug/L	95
69) 1,3,5-Trichlorobenzene	13.109	180	87863	48.065	ug/L	96
70) 1,2,4-trichlorobenzene	13.585	180	82774	50.834	ug/L	98
71) Naphthalene	13.774	128	333111	50.178	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	85257	49.288	ug/L	97

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

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