

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120524\
 Data File : VX044160.D
 Acq On : 05 Dec 2024 20:09
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050796

Quant Time: Dec 06 04:10:55 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	6.757	114	204628	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	190519	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	87032	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	93378	49.866	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	99.740%		
7) Chloroethane-d5	1.642	69	68712	47.368	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.740%		
11) 1,1-Dichloroethene-d2	2.294	65	39310	49.086	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.180%		
21) 2-Butanone-d5	4.465	46	126621	110.442	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	110.440%		
24) Chloroform-d	5.056	84	186828	52.547	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.100%		
26) 1,2-Dichloroethane-d4	5.952	65	127681	50.781	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	101.560%		
32) Benzene-d6	5.970	84	326329	49.571	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	99.140%		
36) 1,2-Dichloropropane-d6	7.306	67	103419	50.594	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	101.180%		
41) Toluene-d8	8.647	98	291185	47.839	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.680%		
43) trans-1,3-Dichloroprop...	8.946	79	47282	48.134	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.260%		
47) 2-Hexanone-d5	9.384	63	87407	109.669	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	109.670%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	145844	53.211	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	106.420%		
66) 1,2-Dichlorobenzene-d4	12.317	152	101316	49.963	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.920%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	85197	51.340	ug/L	99
3) Chloromethane	1.294	50	82018	53.576	ug/L	98
5) Vinyl chloride	1.374	62	87296	52.854	ug/L	97
6) Bromomethane	1.593	94	58013	51.678	ug/L	98
8) Chloroethane	1.660	64	54193	49.563	ug/L	92
9) Trichlorofluoromethane	1.861	101	166108	53.978	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.313	101	67835	50.052	ug/L	93
12) 1,1-Dichloroethene	2.307	96	61996	51.393	ug/L #	74
13) Acetone	2.392	43	83520	81.869	ug/L	92
14) Carbon disulfide	2.502	76	104361	45.668	ug/L	100
15) Methyl Acetate	2.703	43	88364	53.414	ug/L	96
16) Methylene chloride	2.782	84	75792	54.598	ug/L	93
17) trans-1,2-Dichloroethene	3.081	96	64254	51.143	ug/L	90
18) Methyl tert-butyl Ether	3.117	73	273823	54.013	ug/L	96
19) 1,1-Dichloroethane	3.599	63	141990	53.872	ug/L	96
20) cis-1,2-Dichloroethene	4.477	96	80926	52.690	ug/L	90
22) 2-Butanone	4.568	43	125638	102.036	ug/L	95
23) Bromochloromethane	4.891	128	40513	54.089	ug/L #	92
25) Chloroform	5.086	83	157307	53.030	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	137145	55.612	ug/L	97
29) Cyclohexane	5.458	56	111964	47.365	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	131024	50.662	ug/L	97
31) Carbon tetrachloride	5.672	117	100073	49.402	ug/L	99
33) Benzene	6.031	78	293757	50.774	ug/L	100
34) Trichloroethene	7.123	95	78284	49.561	ug/L	94
35) Methylcyclohexane	7.373	83	105610	46.154	ug/L	96
37) 1,2-Dichloropropane	7.428	63	81985	52.774	ug/L	99
38) Bromodichloromethane	7.818	83	104623	51.403	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	126337	51.921	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	269793	112.176	ug/L	92
42) Toluene	8.714	91	315185	51.415	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	119178	51.674	ug/L	96
45) 1,1,2-Trichloroethane	9.147	97	81710	51.325	ug/L	99
46) Tetrachloroethene	9.269	164	49501	46.979	ug/L	96
48) 2-Hexanone	9.433	43	201178	106.238	ug/L	93
49) Dibromochloromethane	9.519	129	71585	50.871	ug/L	99
50) 1,2-Dibromoethane	9.610	107	85313	51.891	ug/L	95
51) Chlorobenzene	10.079	112	198937	50.583	ug/L	99
52) Ethylbenzene	10.189	91	350215	51.865	ug/L	98
53) m,p-Xylene	10.299	106	129274	52.856	ug/L	96
54) o-Xylene	10.640	106	131210	52.170	ug/L	98
55) Styrene	10.653	104	220984	53.873	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	132663	53.718	ug/L	97
59) Bromoform	10.799	173	42302	48.441	ug/L	99
60) Isopropylbenzene	10.957	105	345509	51.447	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	105335	52.256	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	289695	51.979	ug/L	96
63) 1,2,4-Trimethylbenzene	11.750	105	286125	52.311	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	140722	50.525	ug/L	97
65) 1,4-Dichlorobenzene	12.043	146	144541	51.860	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	149110	52.727	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.945	75	24392	53.242	ug/L	99
69) 1,3,5-Trichlorobenzene	13.109	180	88337	50.835	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	79035	51.060	ug/L	97
71) Naphthalene	13.774	128	337923	53.548	ug/L	99
72) 1,2,3-Trichlorobenzene	13.957	180	83721	50.914	ug/L	96

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

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