

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040640.D
 Acq On : 15 Mar 2024 09:39
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050722

Quant Time: Mar 16 01:54:46 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 08 01:27:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	165602	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	157916	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	74044	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	57638	39.705	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.420%		
7) Chloroethane-d5	1.666	69	49655	42.845	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	85.700%		
11) 1,1-Dichloroethene-d2	2.306	65	25454	38.091	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	76.180%		
21) 2-Butanone-d5	4.446	46	99104	88.966	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	88.970%		
24) Chloroform-d	5.056	84	119911	44.480	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.960%		
26) 1,2-Dichloroethane-d4	5.952	65	86566	43.010	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.020%		
32) Benzene-d6	5.970	84	204623	42.235	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.480%		
36) 1,2-Dichloropropane-d6	7.305	67	66013	43.964	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.920%		
41) Toluene-d8	8.647	98	188518	40.377	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	80.760%		
43) trans-1,3-Dichloroprop...	8.951	79	34253	42.861	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.720%		
47) 2-Hexanone-d5	9.384	63	74948	90.462	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.460%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	100149	44.548	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.100%		
66) 1,2-Dichlorobenzene-d4	12.317	152	69630	44.899	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	73783	49.918	ug/L	99
3) Chloromethane	1.294	50	63880	49.716	ug/L	99
5) Vinyl chloride	1.374	62	70059	50.399	ug/L	96
6) Bromomethane	1.605	94	42403	57.457	ug/L	97
8) Chloroethane	1.685	64	41787	52.426	ug/L	97
9) Trichlorofluoromethane	1.886	101	107962	55.816	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	58546	51.030	ug/L	99
12) 1,1-Dichloroethene	2.319	96	50298	49.829	ug/L	92
13) Acetone	2.379	43	68040	85.533	ug/L	97
14) Carbon disulfide	2.508	76	143874	49.258	ug/L	98
15) Methyl Acetate	2.703	43	64564	48.077	ug/L	99
16) Methylene chloride	2.788	84	53995	48.573	ug/L	98
17) trans-1,2-Dichloroethene	3.087	96	50172	48.415	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	180337	50.319	ug/L	99
19) 1,1-Dichloroethane	3.605	63	102315	50.814	ug/L	97
20) cis-1,2-Dichloroethene	4.483	96	58047	49.954	ug/L	97
22) 2-Butanone	4.550	43	97833	92.879	ug/L	98
23) Bromochloromethane	4.891	128	28678	48.389	ug/L	98
25) Chloroform	5.092	83	113481	49.943	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	99816	49.988	ug/L	99
29) Cyclohexane	5.470	56	88299	50.886	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	100202	50.947	ug/L	98
31) Carbon tetrachloride	5.672	117	83209	50.410	ug/L	99
33) Benzene	6.037	78	210705	49.670	ug/L	100
34) Trichloroethene	7.123	95	62897	50.224	ug/L	98
35) Methylcyclohexane	7.379	83	93038	50.837	ug/L	98
37) 1,2-Dichloropropane	7.427	63	56395	50.214	ug/L	100
38) Bromodichloromethane	7.818	83	83780	50.437	ug/L	99
39) cis-1,3-Dichloropropene	8.360	75	96741	51.164	ug/L	97
40) 4-Methyl-2-pentanone	8.567	43	186838	97.043	ug/L	99
42) Toluene	8.714	91	236576	50.834	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	93224	50.619	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	57552	49.642	ug/L	98
46) Tetrachloroethene	9.275	164	44760	49.780	ug/L	99
48) 2-Hexanone	9.427	43	154923	97.107	ug/L	99
49) Dibromochloromethane	9.518	129	61543	50.805	ug/L	100
50) 1,2-Dibromoethane	9.610	107	62140	49.842	ug/L	99
51) Chlorobenzene	10.079	112	148629	49.294	ug/L	97
52) Ethylbenzene	10.195	91	276660	50.587	ug/L	99
53) m,p-Xylene	10.299	106	101782	51.193	ug/L	92
54) o-Xylene	10.640	106	98777	51.756	ug/L	99
55) Styrene	10.652	104	170052	51.133	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	92223	48.262	ug/L	100
59) Bromoform	10.799	173	46868	54.573	ug/L	98
60) Isopropylbenzene	10.963	105	275013	55.322	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	76719	51.995	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	231461	56.159	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	229733	55.742	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	112154	51.533	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	114003	51.509	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	108668	52.509	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	22077	51.111	ug/L	96
69) 1,3,5-Trichlorobenzene	13.115	180	80584	55.161	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	71086	52.471	ug/L	98
71) Naphthalene	13.774	128	227455	52.821	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	71060	53.246	ug/L	100

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

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