

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031824\
 Data File : VX040707.D
 Acq On : 18 Mar 2024 18:17
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050726

Quant Time: Mar 19 01:26:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 19 01:22:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	137391	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	130511	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	67630	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	64622	53.657	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 107.320%	
7) Chloroethane-d5	1.666	69	46421	48.280	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 96.560%	
11) 1,1-Dichloroethene-d2	2.306	65	23117	41.697	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 83.400%	
21) 2-Butanone-d5	4.452	46	93664	101.348	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 101.350%	
24) Chloroform-d	5.056	84	118962	53.189	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.380%	
26) 1,2-Dichloroethane-d4	5.958	65	86386	51.734	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 103.460%	
32) Benzene-d6	5.976	84	212807	53.148	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 106.300%	
36) 1,2-Dichloropropane-d6	7.305	67	64565	52.028	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 104.060%	
41) Toluene-d8	8.647	98	201247	52.154	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 104.300%	
43) trans-1,3-Dichloroprop...	8.951	79	33889	51.310	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 102.620%	
47) 2-Hexanone-d5	9.384	63	68946	100.691	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 100.690%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	96674	52.032	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 104.060%	
66) 1,2-Dichlorobenzene-d4	12.323	152	76226	53.814	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 107.620%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56164	45.800	ug/L	100
3) Chloromethane	1.294	50	55223	51.803	ug/L	97
5) Vinyl chloride	1.374	62	59222	51.351	ug/L	99
6) Bromomethane	1.605	94	35791	58.455	ug/L	93
8) Chloroethane	1.684	64	29896	45.209	ug/L	96
9) Trichlorofluoromethane	1.886	101	76265	47.525	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	37078	38.954	ug/L	95
12) 1,1-Dichloroethene	2.318	96	33821	40.385	ug/L	86
13) Acetone	2.379	43	45143	68.402	ug/L	99
14) Carbon disulfide	2.514	76	98466	40.634	ug/L	99
15) Methyl Acetate	2.703	43	56580	50.783	ug/L	100
16) Methylene chloride	2.788	84	45876	49.743	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	42003	48.855	ug/L	92
18) Methyl tert-butyl Ether	3.111	73	157846	53.087	ug/L	99
19) 1,1-Dichloroethane	3.611	63	87097	52.138	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	49353	51.193	ug/L	92
22) 2-Butanone	4.556	43	82098	93.945	ug/L	100
23) Bromochloromethane	4.897	128	25118	51.084	ug/L	95
25) Chloroform	5.092	83	96912	51.409	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	86154	52.005	ug/L	97
29) Cyclohexane	5.470	56	68807	47.979	ug/L	98
30) 1,1,1-Trichloroethane	5.385	97	82591	50.810	ug/L	100
31) Carbon tetrachloride	5.678	117	68970	50.557	ug/L	99
33) Benzene	6.037	78	179974	51.334	ug/L	100
34) Trichloroethene	7.123	95	50933	49.211	ug/L	96
35) Methylcyclohexane	7.379	83	70839	46.835	ug/L	99
37) 1,2-Dichloropropane	7.427	63	49527	53.359	ug/L #	94
38) Bromodichloromethane	7.824	83	71491	52.076	ug/L	95
39) cis-1,3-Dichloropropene	8.366	75	79475	50.858	ug/L	97
40) 4-Methyl-2-pentanone	8.573	43	165523	104.024	ug/L	100
42) Toluene	8.720	91	194662	50.611	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	78508	51.579	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	49546	51.711	ug/L	97
46) Tetrachloroethene	9.275	164	35290	47.489	ug/L	94
48) 2-Hexanone	9.427	43	130512	98.984	ug/L	98
49) Dibromochloromethane	9.518	129	51889	51.830	ug/L	99
50) 1,2-Dibromoethane	9.610	107	53461	51.884	ug/L	93
51) Chlorobenzene	10.079	112	124639	50.018	ug/L	98
52) Ethylbenzene	10.195	91	225875	49.973	ug/L	98
53) m,p-Xylene	10.299	106	81647	49.689	ug/L	98
54) o-Xylene	10.640	106	80143	50.810	ug/L	98
55) Styrene	10.652	104	143325	52.145	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	82829	52.448	ug/L	100
59) Bromoform	10.799	173	39598	50.481	ug/L	99
60) Isopropylbenzene	10.963	105	221805	48.850	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	67554	50.126	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	186773	49.614	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	186785	49.620	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	97754	49.176	ug/L	97
65) 1,4-Dichlorobenzene	12.042	146	99659	49.299	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	98106	51.901	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	20392	51.687	ug/L #	79
69) 1,3,5-Trichlorobenzene	13.115	180	68132	51.060	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	62701	50.671	ug/L	99
71) Naphthalene	13.774	128	205387	52.220	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	63165	51.819	ug/L	97

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

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