

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072424\
 Data File : VX042491.D
 Acq On : 23 Jul 2024 22:40
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050754

Quant Time: Jul 24 03:54:59 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jul 24 03:44:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	206305	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	185521	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	97670	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	60069	50.023	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.040%			
7) Chloroethane-d5	1.648	69	39707	52.517	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.040%			
11) 1,1-Dichloroethene-d2	2.300	65	29778	56.661	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 113.320%			
21) 2-Butanone-d5	4.464	46	104204	120.417	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 120.420%			
24) Chloroform-d	5.056	84	141412	58.569	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 117.140%			
26) 1,2-Dichloroethane-d4	5.952	65	85816	60.217	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 120.440%			
32) Benzene-d6	5.970	84	280680	58.532	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 117.060%			
36) 1,2-Dichloropropane-d6	7.305	67	85958	59.565	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 119.120%			
41) Toluene-d8	8.646	98	263968	59.071	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 118.140%			
43) trans-1,3-Dichloroprop...	8.951	79	37415	59.989	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 119.980%			
47) 2-Hexanone-d5	9.384	63	79380	121.182	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 121.180%			
56) 1,1,2,2-Tetrachloroeth...	11.189	84	122480	57.408	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 114.820%			
66) 1,2-Dichlorobenzene-d4	12.323	152	109456	57.698	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	72563	49.173	ug/L	100
3) Chloromethane	1.300	50	64938	43.546	ug/L	96
5) Vinyl chloride	1.373	62	67734	46.180	ug/L	98
6) Bromomethane	1.599	94	36907	46.179	ug/L	96
8) Chloroethane	1.666	64	36795	50.329	ug/L	99
9) Trichlorofluoromethane	1.873	101	110722	58.002	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	74214	56.413	ug/L	98
12) 1,1-Dichloroethene	2.312	96	65802	52.806	ug/L	89
13) Acetone	2.391	43	73153	123.917	ug/L	99
14) Carbon disulfide	2.507	76	129372	41.732	ug/L	98
15) Methyl Acetate	2.708	43	88995	59.333	ug/L	100
16) Methylene chloride	2.788	84	76410	49.700	ug/L	98
17) trans-1,2-Dichloroethene	3.086	96	68424	53.387	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	249718	59.582	ug/L	99
19) 1,1-Dichloroethane	3.605	63	134232	58.323	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	88460	58.749	ug/L	100
22) 2-Butanone	4.568	43	120952	122.400	ug/L	98
23) Bromochloromethane	4.903	128	44573	55.391	ug/L	97
25) Chloroform	5.092	83	143571	59.496	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	107405	60.059	ug/L	97
29) Cyclohexane	5.470	56	107830	53.781	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	125317	62.044	ug/L	100
31) Carbon tetrachloride	5.677	117	109063	61.817	ug/L	99
33) Benzene	6.037	78	298730	57.582	ug/L	100
34) Trichloroethene	7.122	95	83523	61.462	ug/L	97
35) Methylcyclohexane	7.378	83	114381	55.511	ug/L	99
37) 1,2-Dichloropropane	7.427	63	79162	59.470	ug/L	100
38) Bromodichloromethane	7.823	83	101469	62.249	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	116646	59.513	ug/L	99
40) 4-Methyl-2-pentanone	8.573	43	238614	125.676	ug/L	98
42) Toluene	8.720	91	323447	58.429	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	108360	61.663	ug/L	100
45) 1,1,2-Trichloroethane	9.152	97	86850	60.978	ug/L	98
46) Tetrachloroethene	9.274	164	73509	57.789	ug/L	98
48) 2-Hexanone	9.433	43	182569	122.447	ug/L	99
49) Dibromochloromethane	9.524	129	90389	62.313	ug/L	100
50) 1,2-Dibromoethane	9.610	107	91299	59.686	ug/L	97
51) Chlorobenzene	10.079	112	218397	57.473	ug/L	99
52) Ethylbenzene	10.195	91	358434	59.584	ug/L	99
53) m,p-Xylene	10.299	106	139972	57.808	ug/L	98
54) o-Xylene	10.640	106	139797	57.799	ug/L	97
55) Styrene	10.652	104	239160	59.343	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	133628	58.455	ug/L	98
59) Bromoform	10.798	173	74345	60.726	ug/L	100
60) Isopropylbenzene	10.963	105	370062	60.517	ug/L	99
61) 1,2,3-Trichloropropane	11.237	75	102476	59.087	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	275119	59.166	ug/L	100
63) 1,2,4-Trimethylbenzene	11.749	105	301599	60.522	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	180676	58.915	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	180427	58.162	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	184968	58.592	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.944	75	27736	62.473	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	131816	59.157	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	119949	59.185	ug/L	99
71) Naphthalene	13.774	128	382005	60.972	ug/L	100
72) 1,2,3-Trichlorobenzene	13.962	180	129069	60.268	ug/L	100

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

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