

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072924\
 Data File : VX042701.D
 Acq On : 29 Jul 2024 19:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050768

Quant Time: Jul 30 01:12:21 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 30 00:49:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	163476	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	148307	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	66772	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.373	65	46939	47.262	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.520%			
7) Chloroethane-d5	1.648	69	20468	50.013	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.020%			
11) 1,1-Dichloroethene-d2	2.300	65	22610	46.205	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.400%			
21) 2-Butanone-d5	4.471	46	90971	123.585	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 123.590%			
24) Chloroform-d	5.068	84	121151	55.730	ug/L	0.02
Spiked Amount 50.000	Range 70 - 125		Recovery = 111.460%			
26) 1,2-Dichloroethane-d4	5.958	65	80073	57.094	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 114.180%			
32) Benzene-d6	5.982	84	216947	52.708	ug/L	0.02
Spiked Amount 50.000	Range 70 - 125		Recovery = 105.420%			
36) 1,2-Dichloropropane-d6	7.311	67	67896	55.736	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 111.480%			
41) Toluene-d8	8.653	98	191262	51.826	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.660%			
43) trans-1,3-Dichloroprop...	8.951	79	29964	52.562	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 105.120%			
47) 2-Hexanone-d5	9.390	63	63654	116.872	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 116.870%			
56) 1,1,2,2-Tetrachloroeth...	11.195	84	99837	56.921	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 113.840%			
66) 1,2-Dichlorobenzene-d4	12.323	152	65209	51.675	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.340%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	79595	55.110	ug/L	99
3) Chloromethane	1.300	50	72570	60.761	ug/L	99
5) Vinyl chloride	1.373	62	68534	60.364	ug/L	98
6) Bromomethane	1.599	94	19858	55.903	ug/L	97
8) Chloroethane	1.666	64	25081	60.337	ug/L	97
9) Trichlorofluoromethane	1.873	101	79546	49.500	ug/L	88
10) 1,1,2-Trichloro-1,2,2-...	2.325	101	64860	56.167	ug/L	97
12) 1,1-Dichloroethene	2.312	96	55896	52.890	ug/L	88
13) Acetone	2.398	43	62385	108.421	ug/L	99
14) Carbon disulfide	2.507	76	130915	50.734	ug/L	98
15) Methyl Acetate	2.715	43	72236	56.636	ug/L	97
16) Methylene chloride	2.794	84	66519	54.502	ug/L	91
17) trans-1,2-Dichloroethene	3.093	96	59709	55.053	ug/L	93
18) Methyl tert-butyl Ether	3.123	73	214578	57.080	ug/L	98
19) 1,1-Dichloroethane	3.617	63	120963	58.415	ug/L	95
20) cis-1,2-Dichloroethene	4.495	96	69126	55.801	ug/L	94
22) 2-Butanone	4.580	43	103115	117.667	ug/L	99
23) Bromochloromethane	4.909	128	31933	54.436	ug/L	96
25) Chloroform	5.098	83	127840	57.900	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.092	62	107853	61.504	ug/L	97
29) Cyclohexane	5.470	56	100420	57.276	ug/L	95
30) 1,1,1-Trichloroethane	5.385	97	109135	57.610	ug/L	99
31) Carbon tetrachloride	5.678	117	89286	55.801	ug/L	99
33) Benzene	6.043	78	262091	57.746	ug/L	100
34) Trichloroethene	7.129	95	67048	55.294	ug/L	93
35) Methylcyclohexane	7.385	83	101361	55.230	ug/L	98
37) 1,2-Dichloropropane	7.433	63	67436	57.170	ug/L	100
38) Bromodichloromethane	7.824	83	85322	55.965	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	101057	55.814	ug/L	98
40) 4-Methyl-2-pentanone	8.580	43	213597	131.616	ug/L	96
42) Toluene	8.720	91	266126	56.930	ug/L	98
44) trans-1,3-Dichloropropene	8.982	75	94878	57.808	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	67661	56.793	ug/L	99
46) Tetrachloroethene	9.275	164	41891	50.657	ug/L	98
48) 2-Hexanone	9.433	43	165768	131.337	ug/L	97
49) Dibromochloromethane	9.524	129	60411	54.303	ug/L	98
50) 1,2-Dibromoethane	9.610	107	67906	54.804	ug/L	100
51) Chlorobenzene	10.079	112	163367	54.042	ug/L	94
52) Ethylbenzene	10.195	91	295345	57.603	ug/L	98
53) m,p-Xylene	10.305	106	107920	55.873	ug/L	100
54) o-Xylene	10.640	106	113252	58.941	ug/L	97
55) Styrene	10.658	104	189497	59.163	ug/L	96
57) 1,1,2,2-Tetrachloroethane	11.213	83	110677	58.093	ug/L	97
59) Bromoform	10.799	173	39878	53.218	ug/L	98
60) Isopropylbenzene	10.963	105	293037	58.081	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	87911	56.909	ug/L	98
62) 1,3,5-Trimethylbenzene	11.451	105	241931	57.656	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	240988	58.164	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	116950	53.897	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	115011	52.624	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	117276	53.673	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	23045	55.997	ug/L	87
69) 1,3,5-Trichlorobenzene	13.115	180	70505	52.386	ug/L	99
70) 1,2,4-trichlorobenzene	13.591	180	58664	49.705	ug/L	98
71) Naphthalene	13.774	128	239355	52.573	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	62998	51.529	ug/L	99

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

