

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073024\
 Data File : VX042728.D
 Acq On : 30 Jul 2024 10:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050770

Quant Time: Jul 31 03:06:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 30 02:11:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	162130	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	147994	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	67912	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	49428	50.181	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	= 100.360%	
7) Chloroethane-d5	1.648	69	20569	50.677	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	= 101.360%	
11) 1,1-Dichloroethene-d2	2.300	65	24874	51.253	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 102.500%	
21) 2-Butanone-d5	4.465	46	63525	87.016	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	= 87.020%	
24) Chloroform-d	5.050	84	104855	48.635	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 125	Recovery	= 97.260%	
26) 1,2-Dichloroethane-d4	5.952	65	64649	46.479	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	= 92.960%	
32) Benzene-d6	5.970	84	196477	47.836	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	= 95.680%	
36) 1,2-Dichloropropane-d6	7.306	67	57130	46.997	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	= 94.000%	
41) Toluene-d8	8.647	98	179129	48.641	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 97.280%	
43) trans-1,3-Dichloroprop...	8.952	79	27545	48.421	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	= 96.840%	
47) 2-Hexanone-d5	9.384	63	45507	83.730	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	= 83.730%	
56) 1,1,2,2-Tetrachloroeth...	11.189	84	78677	44.952	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	= 89.900%	
66) 1,2-Dichlorobenzene-d4	12.317	152	58900	45.892	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	= 91.780%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	75776	52.901	ug/L	100
3) Chloromethane	1.301	50	61414	51.848	ug/L	97
5) Vinyl chloride	1.374	62	59067	52.458	ug/L	95
6) Bromomethane	1.599	94	18803	53.373	ug/L	96
8) Chloroethane	1.666	64	25018	60.685	ug/L	92
9) Trichlorofluoromethane	1.874	101	78977	49.554	ug/L	87
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	62391	54.477	ug/L	99
12) 1,1-Dichloroethene	2.313	96	54593	52.086	ug/L	93
13) Acetone	2.392	43	64862	113.662	ug/L	100
14) Carbon disulfide	2.508	76	119400	46.656	ug/L	98
15) Methyl Acetate	2.703	43	62891	49.719	ug/L	100
16) Methylene chloride	2.788	84	60931	50.338	ug/L	96
17) trans-1,2-Dichloroethene	3.087	96	53935	50.143	ug/L	95
18) Methyl tert-butyl Ether	3.117	73	192047	51.511	ug/L	100
19) 1,1-Dichloroethane	3.605	63	104887	51.072	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	62741	51.067	ug/L	97
22) 2-Butanone	4.562	43	83967	96.612	ug/L	94
23) Bromochloromethane	4.904	128	28344	48.719	ug/L	93
25) Chloroform	5.093	83	111508	50.922	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	87779	50.472	ug/L	100
29) Cyclohexane	5.464	56	84818	48.479	ug/L	97
30) 1,1,1-Trichloroethane	5.379	97	97657	51.660	ug/L	99
31) Carbon tetrachloride	5.672	117	80698	50.540	ug/L	97
33) Benzene	6.037	78	225261	49.737	ug/L	100
34) Trichloroethene	7.123	95	59380	49.074	ug/L	91
35) Methylcyclohexane	7.373	83	93893	51.269	ug/L	99
37) 1,2-Dichloropropane	7.427	63	57050	48.468	ug/L	99
38) Bromodichloromethane	7.824	83	75482	49.616	ug/L #	97
39) cis-1,3-Dichloropropene	8.366	75	90747	50.226	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	151520	93.562	ug/L	98
42) Toluene	8.714	91	234360	50.240	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	83274	50.845	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	60520	50.907	ug/L	98
46) Tetrachloroethene	9.275	164	44347	53.740	ug/L	87
48) 2-Hexanone	9.433	43	114462	90.879	ug/L	95
49) Dibromochloromethane	9.519	129	56782	51.149	ug/L	98
50) 1,2-Dibromoethane	9.610	107	62360	50.434	ug/L #	99
51) Chlorobenzene	10.079	112	152358	50.507	ug/L	99
52) Ethylbenzene	10.195	91	263514	51.504	ug/L	97
53) m,p-Xylene	10.299	106	101746	52.788	ug/L	100
54) o-Xylene	10.640	106	99360	51.821	ug/L	99
55) Styrene	10.653	104	164813	51.565	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	92922	48.877	ug/L	98
59) Bromoform	10.799	173	38005	49.867	ug/L	99
60) Isopropylbenzene	10.963	105	259042	50.481	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	73104	46.529	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	217267	50.909	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	215580	51.158	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	108941	49.363	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	112177	50.465	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	109558	49.299	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.939	75	19635	46.910	ug/L	89
69) 1,3,5-Trichlorobenzene	13.109	180	70523	51.520	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	61101	50.900	ug/L	99
71) Naphthalene	13.774	128	229144	49.485	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	63711	51.237	ug/L	99

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

