

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072424\
 Data File : VX042501.D
 Acq On : 24 Jul 2024 02:54
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050755

Quant Time: Jul 24 06:39:52 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	198292	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	184859	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	100524	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	48758	42.245	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.480%
7) Chloroethane-d5	1.648	69	33089	45.533	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.060%
11) 1,1-Dichloroethene-d2	2.294	65	26409	52.281	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.560%
21) 2-Butanone-d5	4.465	46	95350	114.638	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.640%
24) Chloroform-d	5.056	84	132501	57.096	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	114.200%
26) 1,2-Dichloroethane-d4	5.952	65	76975	56.196	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.400%
32) Benzene-d6	5.970	84	253118	52.974	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.940%
36) 1,2-Dichloropropane-d6	7.306	67	77087	53.609	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.220%
41) Toluene-d8	8.647	98	247632	55.613	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.220%
43) trans-1,3-Dichloroprop...	8.952	79	32037	51.550	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.100%
47) 2-Hexanone-d5	9.384	63	75026	114.945	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.940%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	118724	55.847	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	111.700%
66) 1,2-Dichlorobenzene-d4	12.317	152	108954	55.802	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	65676	46.304	ug/L	98
3) Chloromethane	1.294	50	62628	43.694	ug/L	99
5) Vinyl chloride	1.374	62	53419	37.892	ug/L	98
6) Bromomethane	1.599	94	29076	37.851	ug/L	99
8) Chloroethane	1.666	64	28873	41.089	ug/L	99
9) Trichlorofluoromethane	1.874	101	83394	45.452	ug/L	94
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	64829	51.270	ug/L	99
12) 1,1-Dichloroethene	2.313	96	58088	48.499	ug/L	84
13) Acetone	2.392	43	60747	107.061	ug/L	96
14) Carbon disulfide	2.502	76	113372	38.049	ug/L	98
15) Methyl Acetate	2.709	43	80908	56.121	ug/L	100
16) Methylene chloride	2.788	84	73124	49.485	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	61243	49.715	ug/L	96
18) Methyl tert-butyl Ether	3.117	73	228149	56.635	ug/L	99
19) 1,1-Dichloroethane	3.605	63	121593	54.967	ug/L	100
20) cis-1,2-Dichloroethene	4.483	96	77969	53.874	ug/L	98
22) 2-Butanone	4.568	43	108440	114.172	ug/L	100
23) Bromochloromethane	4.904	128	39567	51.157	ug/L	98
25) Chloroform	5.093	83	132144	56.973	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	93577	54.441	ug/L	98
29) Cyclohexane	5.464	56	97186	48.646	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	111319	55.311	ug/L	100
31) Carbon tetrachloride	5.672	117	96138	54.686	ug/L	100
33) Benzene	6.037	78	264619	51.189	ug/L	100
34) Trichloroethene	7.123	95	102790	75.910	ug/L	97
35) Methylcyclohexane	7.379	83	97842	47.654	ug/L	99
37) 1,2-Dichloropropane	7.427	63	71356	53.797	ug/L	100
38) Bromodichloromethane	7.824	83	89016	54.805	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	102868	52.671	ug/L	100
40) 4-Methyl-2-pentanone	8.574	43	217518	114.976	ug/L	99
42) Toluene	8.720	91	294153	53.328	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	92926	53.069	ug/L	100
45) 1,1,2-Trichloroethane	9.153	97	80867	56.981	ug/L	97
46) Tetrachloroethene	9.275	164	66597	52.543	ug/L	99
48) 2-Hexanone	9.433	43	171739	115.596	ug/L	99
49) Dibromochloromethane	9.519	129	81318	56.261	ug/L	99
50) 1,2-Dibromoethane	9.610	107	83041	54.481	ug/L	99
51) Chlorobenzene	10.079	112	204553	54.023	ug/L	99
52) Ethylbenzene	10.195	91	330901	55.204	ug/L	99
53) m,p-Xylene	10.299	106	130757	54.195	ug/L	96
54) o-Xylene	10.640	106	133347	55.330	ug/L	99
55) Styrene	10.653	104	223099	55.556	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.213	83	127781	56.098	ug/L	99
59) Bromoform	10.799	173	63240	50.189	ug/L	100
60) Isopropylbenzene	10.963	105	331020	52.595	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	97944	54.870	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	265727	55.524	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	287950	56.142	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	173757	55.050	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	172495	54.026	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	176704	54.385	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	25959	56.810	ug/L	86
69) 1,3,5-Trichlorobenzene	13.109	180	129578	56.502	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	116542	55.871	ug/L	98
71) Naphthalene	13.774	128	367344	56.968	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	123725	56.132	ug/L	99

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

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