

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072824\
 Data File : VX042674.D
 Acq On : 28 Jul 2024 05:36
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050766

Quant Time: Jul 29 04:28:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML072624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jul 29 03:03:42 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	168529	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	154779	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	70476	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	39261	38.346	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	76.700%
7) Chloroethane-d5	1.648	69	17876	42.369	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	84.740%
11) 1,1-Dichloroethene-d2	2.294	65	20907	41.443	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.880%
21) 2-Butanone-d5	4.464	46	71670	94.445	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.450%
24) Chloroform-d	5.056	84	106228	47.401	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.800%
26) 1,2-Dichloroethane-d4	5.952	65	66721	46.147	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.300%
32) Benzene-d6	5.970	84	195205	45.443	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.880%
36) 1,2-Dichloropropane-d6	7.312	67	58948	46.367	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.740%
41) Toluene-d8	8.647	98	176214	45.752	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.500%
43) trans-1,3-Dichloroprop...	8.951	79	25333	42.580	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.160%
47) 2-Hexanone-d5	9.384	63	54237	95.418	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.420%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	87189	47.631	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.260%
66) 1,2-Dichlorobenzene-d4	12.317	152	62112	46.634	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.260%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	77879	52.305	ug/L	100
3) Chloromethane	1.294	50	59837	48.598	ug/L	100
5) Vinyl chloride	1.374	62	58381	49.880	ug/L	95
6) Bromomethane	1.599	94	19222	52.490	ug/L	99
8) Chloroethane	1.660	64	21243	49.572	ug/L	92
9) Trichlorofluoromethane	1.873	101	82991	50.095	ug/L	91
10) 1,1,2-Trichloro-1,2,2-...	2.319	101	60282	50.637	ug/L	98
12) 1,1-Dichloroethene	2.312	96	56394	51.761	ug/L	97
13) Acetone	2.392	43	52674	88.799	ug/L	96
14) Carbon disulfide	2.501	76	126021	47.373	ug/L	99
15) Methyl Acetate	2.709	43	65800	50.043	ug/L	99
16) Methylene chloride	2.788	84	65941	52.408	ug/L	97
17) trans-1,2-Dichloroethene	3.087	96	58528	52.347	ug/L	92
18) Methyl tert-butyl Ether	3.117	73	204083	52.661	ug/L	99
19) 1,1-Dichloroethane	3.605	63	111292	52.134	ug/L	96
20) cis-1,2-Dichloroethene	4.489	96	67902	53.170	ug/L	94
22) 2-Butanone	4.568	43	86305	95.532	ug/L	# 48
23) Bromochloromethane	4.903	128	29614	48.970	ug/L	94
25) Chloroform	5.092	83	120423	52.906	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	95873	53.033	ug/L	98
29) Cyclohexane	5.470	56	90485	49.451	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	103435	52.318	ug/L	99
31) Carbon tetrachloride	5.672	117	86254	51.652	ug/L	98
33) Benzene	6.037	78	246197	51.976	ug/L	100
34) Trichloroethene	7.123	95	65719	51.932	ug/L	95
35) Methylcyclohexane	7.379	83	96632	50.451	ug/L	99
37) 1,2-Dichloropropane	7.427	63	60263	48.953	ug/L	97
38) Bromodichloromethane	7.824	83	82504	51.854	ug/L	95
39) cis-1,3-Dichloropropene	8.366	75	91591	48.471	ug/L	98
40) 4-Methyl-2-pentanone	8.573	43	169595	100.133	ug/L	98
42) Toluene	8.720	91	256189	52.512	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	83871	48.965	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	66294	53.319	ug/L	95
46) Tetrachloroethene	9.275	164	45343	52.539	ug/L	95
48) 2-Hexanone	9.433	43	129983	98.678	ug/L	96
49) Dibromochloromethane	9.518	129	61516	52.984	ug/L	98
50) 1,2-Dibromoethane	9.610	107	67315	52.055	ug/L	100
51) Chlorobenzene	10.079	112	165155	52.349	ug/L	99
52) Ethylbenzene	10.195	91	283106	52.907	ug/L	99
53) m,p-Xylene	10.299	106	109540	54.340	ug/L	94
54) o-Xylene	10.640	106	104667	52.196	ug/L	97
55) Styrene	10.652	104	183859	55.003	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	102365	51.484	ug/L	98
59) Bromoform	10.799	173	39027	49.345	ug/L	94
60) Isopropylbenzene	10.963	105	279874	52.557	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	81010	49.685	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	232352	52.463	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	231346	52.902	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	116671	50.942	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	116785	50.627	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	119299	51.730	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.945	75	21390	49.244	ug/L	97
69) 1,3,5-Trichlorobenzene	13.109	180	71803	50.547	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	63901	51.296	ug/L	97
71) Naphthalene	13.774	128	251187	52.272	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	69127	53.570	ug/L	98

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

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