

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072724\
 Data File : VX042565.D
 Acq On : 25 Jul 2024 14:32
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050759

Quant Time: Jul 26 00:16:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML070324WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jul 25 04:44:43 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	200356	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	189058	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	103792	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	42007	36.021	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	72.040%
7) Chloroethane-d5	1.648	69	28258	38.484	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.960%
11) 1,1-Dichloroethene-d2	2.294	65	21482	42.089	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.180%
21) 2-Butanone-d5	4.458	46	77542	92.267	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.270%
24) Chloroform-d	5.050	84	107272	45.749	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.500%
26) 1,2-Dichloroethane-d4	5.952	65	65030	46.986	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.980%
32) Benzene-d6	5.970	84	210170	43.008	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.020%
36) 1,2-Dichloropropane-d6	7.305	67	64199	43.654	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.300%
41) Toluene-d8	8.647	98	200986	44.135	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.280%
43) trans-1,3-Dichloroprop...	8.951	79	30895	48.609	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.220%
47) 2-Hexanone-d5	9.384	63	60630	90.826	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	90.830%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	95617	43.979	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.960%
66) 1,2-Dichlorobenzene-d4	12.323	152	90089	44.688	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.380%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	80805	56.384	ug/L	99
3) Chloromethane	1.300	50	65138	44.977	ug/L	99
5) Vinyl chloride	1.373	62	60043	42.152	ug/L	98
6) Bromomethane	1.599	94	32944	42.444	ug/L	100
8) Chloroethane	1.666	64	30776	43.346	ug/L	97
9) Trichlorofluoromethane	1.873	101	90805	48.981	ug/L	95
10) 1,1,2-Trichloro-1,2,2-...	2.318	101	64727	50.662	ug/L	97
12) 1,1-Dichloroethene	2.306	96	58179	48.075	ug/L	93
13) Acetone	2.386	43	74653	130.213	ug/L	97
14) Carbon disulfide	2.501	76	149213	49.561	ug/L	99
15) Methyl Acetate	2.709	43	66378	45.568	ug/L	100
16) Methylene chloride	2.782	84	64530	43.219	ug/L	96
17) trans-1,2-Dichloroethene	3.087	96	60567	48.660	ug/L	97
18) Methyl tert-butyl Ether	3.117	73	197576	48.541	ug/L	98
19) 1,1-Dichloroethane	3.605	63	108380	48.489	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	68499	46.843	ug/L	97
22) 2-Butanone	4.562	43	100370	104.587	ug/L	99
23) Bromochloromethane	4.897	128	37793	48.360	ug/L	99
25) Chloroform	5.086	83	116960	49.907	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	88984	51.236	ug/L	97
29) Cyclohexane	5.464	56	97908	47.919	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	102450	49.774	ug/L	100
31) Carbon tetrachloride	5.672	117	92308	51.342	ug/L	100
33) Benzene	6.031	78	249220	47.140	ug/L	100
34) Trichloroethene	7.122	95	67171	48.504	ug/L	98
35) Methylcyclohexane	7.372	83	108278	51.566	ug/L	99
37) 1,2-Dichloropropane	7.427	63	64066	47.229	ug/L	99
38) Bromodichloromethane	7.817	83	81845	49.271	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	100487	50.309	ug/L	100
40) 4-Methyl-2-pentanone	8.573	43	182312	94.226	ug/L	99
42) Toluene	8.720	91	273237	48.436	ug/L	99
44) trans-1,3-Dichloropropene	8.976	75	92981	51.921	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	67973	46.832	ug/L	98
46) Tetrachloroethene	9.268	164	65042	50.176	ug/L	99
48) 2-Hexanone	9.433	43	142275	93.637	ug/L	99
49) Dibromochloromethane	9.518	129	73251	49.554	ug/L	98
50) 1,2-Dibromoethane	9.610	107	74836	48.008	ug/L	99
51) Chlorobenzene	10.079	112	186396	48.134	ug/L	98
52) Ethylbenzene	10.195	91	303344	49.483	ug/L	98
53) m,p-Xylene	10.299	106	122757	49.749	ug/L	99
54) o-Xylene	10.640	106	122140	49.554	ug/L	99
55) Styrene	10.652	104	203667	49.590	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.213	83	107522	46.155	ug/L	98
59) Bromoform	10.799	173	61332	47.142	ug/L	100
60) Isopropylbenzene	10.963	105	319788	49.211	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	84208	45.690	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	266206	53.873	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	265250	50.088	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	158446	48.619	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	160028	48.543	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	159380	47.508	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.945	75	21860	46.334	ug/L	98
69) 1,3,5-Trichlorobenzene	13.115	180	122487	51.728	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	108557	50.404	ug/L	99
71) Naphthalene	13.774	128	322188	48.392	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	112556	49.457	ug/L	99

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

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