

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV050124\
 Data File : VV035484.D
 Acq On : 01 May 2024 09:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050346

Quant Time: May 02 02:14:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM050124WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu May 02 01:07:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	510710	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	513520	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	278407	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	145000	36.822	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	73.640%
7) Chloroethane-d5	1.526	69	83271	28.695	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	57.400%#
11) 1,1-Dichloroethene-d2	2.053	65	61240	36.228	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.460%
21) 2-Butanone-d5	3.789	46	233347	87.802	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.800%
24) Chloroform-d	4.243	84	310621	43.004	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	4.934	65	181697	42.715	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.440%
32) Benzene-d6	4.953	84	570717	39.484	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.960%
36) 1,2-Dichloropropane-d6	5.982	67	184089	40.847	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.700%
41) Toluene-d8	7.239	98	523762	39.809	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.620%#
43) trans-1,3-Dichloroprop...	7.548	79	90546	41.222	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.440%
47) 2-Hexanone-d5	8.024	63	183242	88.478	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.480%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	309863	45.121	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.240%
66) 1,2-Dichlorobenzene-d4	11.558	152	221086	39.970	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.940%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	172864	50.524	ug/L	99
3) Chloromethane	1.214	50	179858	48.525	ug/L	99
5) Vinyl chloride	1.281	62	192323	49.271	ug/L	99
6) Bromomethane	1.484	94	110126	44.373	ug/L	100
8) Chloroethane	1.542	64	88121	39.265	ug/L	99
9) Trichlorofluoromethane	1.706	101	260806	49.665	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	166638	50.064	ug/L	98
12) 1,1-Dichloroethene	2.063	96	143740	48.345	ug/L	85
13) Acetone	2.121	43	268873	109.281	ug/L	100
14) Carbon disulfide	2.233	76	382794	49.010	ug/L	100
15) Methyl Acetate	2.371	43	194834	48.817	ug/L	99
16) Methylene chloride	2.442	84	180403	47.887	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	154798	49.257	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	532086	48.143	ug/L	100
19) 1,1-Dichloroethane	3.104	63	321303	48.690	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	180423	48.271	ug/L	99
22) 2-Butanone	3.867	43	287906	98.847	ug/L	98
23) Bromochloromethane	4.140	128	97336	47.616	ug/L	98
25) Chloroform	4.268	83	333350	48.941	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	245554	50.375	ug/L	100
29) Cyclohexane	4.574	56	221912	48.401	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	284008	48.326	ug/L	99
31) Carbon tetrachloride	4.728	117	246945	48.597	ug/L	100
33) Benzene	5.002	78	675305	48.699	ug/L	100
34) Trichloroethene	5.828	95	173446	47.002	ug/L	99
35) Methylcyclohexane	6.043	83	258360	49.629	ug/L	98
37) 1,2-Dichloropropane	6.088	63	188132	49.379	ug/L	99
38) Bromodichloromethane	6.429	83	253047	48.276	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	287681	48.100	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	502816	98.868	ug/L	99
42) Toluene	7.310	91	726937	49.968	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	282641	49.752	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	195788	48.049	ug/L	99
46) Tetrachloroethene	7.902	164	143963	48.301	ug/L	99
48) 2-Hexanone	8.075	43	422109	102.008	ug/L	99
49) Dibromochloromethane	8.172	129	205586	48.199	ug/L	100
50) 1,2-Dibromoethane	8.278	107	206001	48.389	ug/L	99
51) Chlorobenzene	8.808	112	482312	47.758	ug/L	99
52) Ethylbenzene	8.944	91	781388	49.717	ug/L	100
53) m,p-Xylene	9.069	106	300308	51.507	ug/L	97
54) o-Xylene	9.474	106	291198	49.565	ug/L	100
55) Styrene	9.493	104	535192	52.707	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	338753	48.588	ug/L	100
59) Bromoform	9.661	173	170276	47.286	ug/L	99
60) Isopropylbenzene	9.863	105	794093	49.393	ug/L	99
61) 1,2,3-Trichloropropane	10.207	75	258986	46.369	ug/L	100
62) 1,3,5-Trimethylbenzene	10.474	105	637923	49.578	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	648785	50.285	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	400586	48.118	ug/L	98
65) 1,4-Dichlorobenzene	11.207	146	405356	46.144	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	414916	47.637	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	72114	43.841	ug/L	96
69) 1,3,5-Trichlorobenzene	12.580	180	299091	47.332	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	250367	44.977	ug/L	99
71) Naphthalene	13.435	128	651911	41.784	ug/L	99
72) 1,2,3-Trichlorobenzene	13.676	180	262194	45.377	ug/L	100

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

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