

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082824\
 Data File : VV037140.D
 Acq On : 28 Aug 2024 18:48
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050377

Quant Time: Aug 29 04:48:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 29 04:43:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	602395	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	576764	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	298871	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	219475	39.829	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.660%
7) Chloroethane-d5	1.529	69	186527	43.798	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.600%
11) 1,1-Dichloroethene-d2	2.056	65	99967	43.162	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.320%
21) 2-Butanone-d5	3.799	46	240940	112.909	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.910%
24) Chloroform-d	4.243	84	416107	48.248	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.500%
26) 1,2-Dichloroethane-d4	4.937	65	258344	47.567	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.140%
32) Benzene-d6	4.953	84	798304	45.825	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.660%
36) 1,2-Dichloropropane-d6	5.985	67	254232	46.594	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.180%
41) Toluene-d8	7.239	98	714629	45.454	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.900%
43) trans-1,3-Dichloroprop...	7.551	79	115266	45.662	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.320%
47) 2-Hexanone-d5	8.024	63	182227	122.371	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.370%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	349893	52.874	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.740%
66) 1,2-Dichlorobenzene-d4	11.554	152	275577	46.039	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	237387	46.633	ug/L	99
3) Chloromethane	1.217	50	257379	44.958	ug/L	99
5) Vinyl chloride	1.281	62	275951	51.346	ug/L	99
6) Bromomethane	1.484	94	150427	49.952	ug/L	98
8) Chloroethane	1.548	64	174274	53.014	ug/L	98
9) Trichlorofluoromethane	1.712	101	360290	51.371	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	209353	50.187	ug/L	100
12) 1,1-Dichloroethene	2.066	96	205817	52.370	ug/L	95
13) Acetone	2.114	43	185152	80.902	ug/L	98
14) Carbon disulfide	2.236	76	584557	48.995	ug/L	100
15) Methyl Acetate	2.371	43	242732	63.263	ug/L	99
16) Methylene chloride	2.442	84	240285	54.189	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	217735	53.368	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	719826	56.087	ug/L	99
19) 1,1-Dichloroethane	3.105	63	445605	54.997	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	234120	51.931	ug/L	98
22) 2-Butanone	3.879	43	260905	103.543	ug/L	99
23) Bromochloromethane	4.140	128	117875	53.263	ug/L	98
25) Chloroform	4.272	83	425648	51.873	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	322834	53.634	ug/L	99
29) Cyclohexane	4.571	56	322338	47.532	ug/L	97
30) 1,1,1-Trichloroethane	4.503	97	349466	52.659	ug/L	99
31) Carbon tetrachloride	4.725	117	295205	52.716	ug/L	99
33) Benzene	5.002	78	891533	53.562	ug/L	100
34) Trichloroethene	5.828	95	227202	51.715	ug/L	99
35) Methylcyclohexane	6.043	83	336171	47.096	ug/L	100
37) 1,2-Dichloropropane	6.088	63	240027	53.789	ug/L	99
38) Bromodichloromethane	6.429	83	304225	53.192	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	366280	52.014	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	559366	123.300	ug/L	99
42) Toluene	7.310	91	934640	53.931	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	332060	52.755	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	228152	54.924	ug/L	98
46) Tetrachloroethene	7.899	164	161290	51.167	ug/L	96
48) 2-Hexanone	8.075	43	403130	114.899	ug/L	98
49) Dibromochloromethane	8.172	129	223422	53.714	ug/L	97
50) 1,2-Dibromoethane	8.278	107	234132	55.700	ug/L	99
51) Chlorobenzene	8.809	112	603208	52.575	ug/L	99
52) Ethylbenzene	8.940	91	1035777	52.912	ug/L	100
53) m,p-Xylene	9.069	106	386992	53.357	ug/L	98
54) o-Xylene	9.474	106	375016	52.808	ug/L	100
55) Styrene	9.490	104	670493	54.413	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	357899	58.174	ug/L	99
59) Bromoform	9.661	173	147833	53.119	ug/L	99
60) Isopropylbenzene	9.863	105	1008132	52.031	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	271727	58.445	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	819452	51.693	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	827837	52.329	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	454117	50.757	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	476203	52.004	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	455936	51.828	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	66321	57.200	ug/L	94
69) 1,3,5-Trichlorobenzene	12.577	180	302775	48.636	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	289620	49.406	ug/L	100
71) Naphthalene	13.432	128	945724	55.870	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	293898	50.875	ug/L	100

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

