

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037064.D
 Acq On : 27 Aug 2024 05:23
 Operator : SY/MD
 Sample : P3691-21MS
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1K63MS

Quant Time: Aug 27 05:52:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Aug 27 03:16:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	594688	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	582456	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	298139	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	344954	63.411	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	= 126.820%		
7) Chloroethane-d5	1.532	69	200142	47.604	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	= 95.200%		
11) 1,1-Dichloroethene-d2	2.056	65	108461	47.437	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 94.880%		
21) 2-Butanone-d5	3.789	46	212459	100.853	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	= 100.850%		
24) Chloroform-d	4.243	84	437725	51.412	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 102.820%		
26) 1,2-Dichloroethane-d4	4.937	65	269706	50.303	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 100.600%		
32) Benzene-d6	4.953	84	862344	49.018	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	= 98.040%		
36) 1,2-Dichloropropane-d6	5.986	67	273309	49.601	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	= 99.200%		
41) Toluene-d8	7.236	98	789865	49.748	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 99.500%		
43) trans-1,3-Dichloroprop...	7.548	79	108562	42.586	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	= 85.180%		
47) 2-Hexanone-d5	8.024	63	150693	100.206	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	= 100.210%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	333987	49.977	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	= 99.960%		
66) 1,2-Dichlorobenzene-d4	11.554	152	287601	48.165	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	= 96.340%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	260488	51.835	ug/L	100
3) Chloromethane	1.217	50	276021	48.839	ug/L	99
5) Vinyl chloride	1.282	62	9732007	1834.297	ug/L	89
6) Bromomethane	1.484	94	123272	41.465	ug/L	100
8) Chloroethane	1.548	64	181534	55.939	ug/L	98
9) Trichlorofluoromethane	1.712	101	366106	52.877	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	214296	52.037	ug/L	99
12) 1,1-Dichloroethene	2.069	96	208575	53.759	ug/L	98
13) Acetone	2.111	43	156774	69.390	ug/L	99
14) Carbon disulfide	2.240	76	626637	53.203	ug/L	99
15) Methyl Acetate	2.372	43	140516	37.097	ug/L	100
16) Methylene chloride	2.442	84	239528	54.719	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	228614	56.760	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	699076	55.176	ug/L	99
19) 1,1-Dichloroethane	3.105	63	460370	57.556	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	5545149	1245.925	ug/L	99
22) 2-Butanone	3.876	43	220968	88.830	ug/L	99
23) Bromochloromethane	4.140	128	119174	54.548	ug/L	96
25) Chloroform	4.272	83	423589	52.291	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	319542	53.775	ug/L	100
29) Cyclohexane	4.574	56	349424	51.023	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	351990	52.521	ug/L	100
31) Carbon tetrachloride	4.725	117	293545	51.907	ug/L	97
33) Benzene	5.002	78	911613	54.233	ug/L	100
34) Trichloroethene	5.828	95	232469	52.397	ug/L	98
35) Methylcyclohexane	6.043	83	360717	50.041	ug/L	99
37) 1,2-Dichloropropane	6.088	63	240176	53.297	ug/L	99
38) Bromodichloromethane	6.429	83	308691	53.445	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	344171	48.397	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	489178	106.775	ug/L	99
42) Toluene	7.310	91	955417	54.591	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	302203	47.542	ug/L	100
45) 1,1,2-Trichloroethane	7.764	97	228740	54.527	ug/L	98
46) Tetrachloroethene	7.899	164	167363	52.575	ug/L	98
48) 2-Hexanone	8.072	43	343343	96.903	ug/L	96
49) Dibromochloromethane	8.172	129	224200	53.375	ug/L	99
50) 1,2-Dibromoethane	8.278	107	232924	54.871	ug/L	99
51) Chlorobenzene	8.809	112	606706	52.363	ug/L	99
52) Ethylbenzene	8.940	91	1068350	54.042	ug/L	99
53) m,p-Xylene	9.066	106	397759	54.305	ug/L	99
54) o-Xylene	9.474	106	385295	53.726	ug/L	99
55) Styrene	9.490	104	678356	54.513	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	341895	55.030	ug/L	99
59) Bromoform	9.661	173	139971	50.418	ug/L	99
60) Isopropylbenzene	9.860	105	1052272	54.443	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	250684	54.051	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	860214	54.398	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	862604	54.660	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	469661	52.623	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	490526	53.699	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	468561	53.393	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	59221	51.202	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	317322	51.098	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	299883	51.282	ug/L	99
71) Naphthalene	13.432	128	886169	52.480	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	299751	52.015	ug/L	98

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

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