

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082624\
 Data File : VV037065.D
 Acq On : 27 Aug 2024 05:45
 Operator : SY/MD
 Sample : P3691-22MSD
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1K63MSD

Quant Time: Aug 27 06:06:55 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	602113	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	587871	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	296961	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	349353	63.428	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	126.860%	
7) Chloroethane-d5	1.532	69	207812	48.818	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	97.640%	
11) 1,1-Dichloroethene-d2	2.056	65	110545	47.752	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	95.500%	
21) 2-Butanone-d5	3.789	46	224227	105.126	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	105.130%	
24) Chloroform-d	4.243	84	449998	52.202	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	104.400%	
26) 1,2-Dichloroethane-d4	4.937	65	277754	51.165	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	102.320%	
32) Benzene-d6	4.953	84	878017	49.449	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	98.900%	
36) 1,2-Dichloropropane-d6	5.986	67	280801	50.491	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	100.980%	
41) Toluene-d8	7.236	98	802394	50.072	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	100.140%	
43) trans-1,3-Dichloroprop...	7.548	79	114612	44.545	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	89.080%	
47) 2-Hexanone-d5	8.024	63	160351	105.646	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	105.650%	
56) 1,1,2,2-Tetrachloroeth...	10.146	84	343235	50.888	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	101.780%	
66) 1,2-Dichlorobenzene-d4	11.554	152	293662	49.375	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	98.760%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	249974	49.129	ug/L	100
3) Chloromethane	1.217	50	280455	49.012	ug/L	97
5) Vinyl chloride	1.282	62	9618900	1790.622	ug/L	90
6) Bromomethane	1.487	94	132761	44.106	ug/L	99
8) Chloroethane	1.548	64	180872	55.047	ug/L	97
9) Trichlorofluoromethane	1.712	101	363195	51.810	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	205329	49.245	ug/L	100
12) 1,1-Dichloroethene	2.069	96	213995	54.476	ug/L	97
13) Acetone	2.111	43	158338	69.218	ug/L	98
14) Carbon disulfide	2.240	76	635673	53.304	ug/L	100
15) Methyl Acetate	2.372	43	142441	37.142	ug/L	99
16) Methylene chloride	2.442	84	239574	54.054	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	232261	56.955	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	697630	54.383	ug/L	100
19) 1,1-Dichloroethane	3.105	63	458015	56.555	ug/L	98
20) cis-1,2-Dichloroethene	3.806	96	5509862	1222.730	ug/L	99
22) 2-Butanone	3.876	43	227570	90.356	ug/L	96
23) Bromochloromethane	4.140	128	121190	54.787	ug/L	96
25) Chloroform	4.272	83	425530	51.882	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	325936	54.175	ug/L	98
29) Cyclohexane	4.571	56	334526	48.397	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	355054	52.490	ug/L	99
31) Carbon tetrachloride	4.728	117	293523	51.425	ug/L	97
33) Benzene	5.002	78	914850	53.924	ug/L	100
34) Trichloroethene	5.828	95	233435	52.130	ug/L	99
35) Methylcyclohexane	6.043	83	327306	44.988	ug/L	99
37) 1,2-Dichloropropane	6.088	63	240424	52.860	ug/L	99
38) Bromodichloromethane	6.429	83	312317	53.575	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	336705	46.911	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	498637	107.837	ug/L	100
42) Toluene	7.310	91	959691	54.330	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	300306	46.809	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	228325	53.927	ug/L	99
46) Tetrachloroethene	7.899	164	167955	52.275	ug/L	98
48) 2-Hexanone	8.072	43	357855	100.068	ug/L	98
49) Dibromochloromethane	8.172	129	226642	53.459	ug/L	100
50) 1,2-Dibromoethane	8.278	107	235515	54.970	ug/L	99
51) Chlorobenzene	8.809	112	625936	53.525	ug/L	98
52) Ethylbenzene	8.940	91	1069668	53.611	ug/L	100
53) m,p-Xylene	9.069	106	397910	53.826	ug/L	99
54) o-Xylene	9.474	106	393925	54.423	ug/L	98
55) Styrene	9.490	104	679351	54.091	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	344284	54.904	ug/L	100
59) Bromoform	9.661	173	141793	51.277	ug/L	100
60) Isopropylbenzene	9.860	105	1043428	54.199	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	252240	54.603	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	849012	53.902	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	845856	53.812	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	468786	52.733	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	485746	53.387	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	470063	53.777	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	59549	51.689	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	316592	51.182	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	297973	51.158	ug/L	99
71) Naphthalene	13.432	128	944320	56.146	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	304442	53.039	ug/L	99

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

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