

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101124\
 Data File : VV037839.D
 Acq On : 11 Oct 2024 18:02
 Operator : SY/MD
 Sample : P4349-22MSD
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EOAG2MSD

Quant Time: Oct 14 06:21:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 14 06:04:26 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	595575	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	579126	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	318682	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	195559	37.405	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	74.800%
7) Chloroethane-d5	1.532	69	174903	43.099	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.060	65	90885	41.609	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	83.220%
21) 2-Butanone-d5	3.796	46	189897	101.975	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.980%
24) Chloroform-d	4.243	84	461258	49.589	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.180%
26) 1,2-Dichloroethane-d4	4.934	65	265281	48.725	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.440%
32) Benzene-d6	4.953	84	847279	46.754	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.500%
36) 1,2-Dichloropropane-d6	5.982	67	275227	47.695	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.380%
41) Toluene-d8	7.236	98	776365	47.246	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.500%
43) trans-1,3-Dichloroprop...	7.548	79	122614	45.740	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.480%
47) 2-Hexanone-d5	8.024	63	130265	106.905	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.910%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	348487	51.974	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.940%
66) 1,2-Dichlorobenzene-d4	11.551	152	312761	46.575	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.140%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	236448	46.635	ug/L	100
3) Chloromethane	1.220	50	229979	46.722	ug/L	99
5) Vinyl chloride	1.285	62	249995	47.373	ug/L	99
6) Bromomethane	1.487	94	145974	49.845	ug/L	98
8) Chloroethane	1.548	64	157965	48.566	ug/L	100
9) Trichlorofluoromethane	1.712	101	362570	51.042	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	215213	50.702	ug/L	100
12) 1,1-Dichloroethene	2.069	96	195595	49.330	ug/L	82
13) Acetone	2.114	43	131101	71.816	ug/L	99
14) Carbon disulfide	2.240	76	531763	42.965	ug/L	99
15) Methyl Acetate	2.371	43	158305	49.691	ug/L	98
16) Methylene chloride	2.442	84	224059	49.907	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	203321	48.472	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	643666	53.485	ug/L	100
19) 1,1-Dichloroethane	3.105	63	410783	51.113	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	244558	52.100	ug/L	97
22) 2-Butanone	3.876	43	191992	95.020	ug/L	99
23) Bromochloromethane	4.140	128	125788	51.805	ug/L	97
25) Chloroform	4.268	83	435060	52.285	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	304650	51.862	ug/L	99
29) Cyclohexane	4.571	56	316957	48.203	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	371271	52.052	ug/L	100
31) Carbon tetrachloride	4.725	117	320708	51.717	ug/L	99
33) Benzene	5.002	78	907321	51.948	ug/L	100
34) Trichloroethene	5.825	95	236683	50.885	ug/L	99
35) Methylcyclohexane	6.040	83	349497	48.843	ug/L	99
37) 1,2-Dichloropropane	6.088	63	240486	53.321	ug/L	99
38) Bromodichloromethane	6.426	83	322911	53.559	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	379353	52.692	ug/L	100
40) 4-Methyl-2-pentanone	7.156	43	418313	113.913	ug/L	100
42) Toluene	7.310	91	968502	53.489	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	339846	52.431	ug/L	97
45) 1,1,2-Trichloroethane	7.764	97	234706	54.196	ug/L	99
46) Tetrachloroethene	7.899	164	179141	50.373	ug/L	99
48) 2-Hexanone	8.072	43	296747	103.923	ug/L	99
49) Dibromochloromethane	8.169	129	249294	54.390	ug/L	100
50) 1,2-Dibromoethane	8.275	107	238712	53.324	ug/L	99
51) Chlorobenzene	8.805	112	650107	52.700	ug/L	99
52) Ethylbenzene	8.937	91	1069478	52.472	ug/L	99
53) m,p-Xylene	9.066	106	408528	53.857	ug/L	98
54) o-Xylene	9.471	106	393432	53.126	ug/L	98
55) Styrene	9.487	104	723956	56.155	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	328283	54.371	ug/L	98
59) Bromoform	9.657	173	165154	53.024	ug/L	98
60) Isopropylbenzene	9.860	105	1070244	51.656	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	239363	52.785	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	857921	52.375	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	854826	52.450	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	515497	51.691	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	539612	51.964	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	514101	52.148	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.355	75	58335	52.994	ug/L	100
69) 1,3,5-Trichlorobenzene	12.574	180	339500	49.504	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	312047	49.042	ug/L	100
71) Naphthalene	13.432	128	884603	53.212	ug/L	99
72) 1,2,3-Trichlorobenzene	13.670	180	321499	51.166	ug/L	99

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

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