

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV100124\
 Data File : VV037695.D
 Acq On : 01 Oct 2024 12:16
 Operator : SY/MD
 Sample : P4206-03MSD
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 02 04:39:05 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 04:32:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	673660	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	653150	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	355247	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	243120	41.112	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.220%
7) Chloroethane-d5	1.532	69	196806	42.875	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.740%
11) 1,1-Dichloroethene-d2	2.059	65	105732	42.795	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.580%
21) 2-Butanone-d5	3.793	46	163259	77.509	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	77.510%
24) Chloroform-d	4.243	84	461277	43.843	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.680%
26) 1,2-Dichloroethane-d4	4.937	65	270318	43.895	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.800%
32) Benzene-d6	4.953	84	908521	44.452	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.900%
36) 1,2-Dichloropropane-d6	5.985	67	283564	43.570	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.140%
41) Toluene-d8	7.236	98	839530	45.299	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.600%
43) trans-1,3-Dichloroprop...	7.548	79	132235	43.739	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.480%
47) 2-Hexanone-d5	8.024	63	125655	91.435	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.430%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	323611	42.794	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.580%
66) 1,2-Dichlorobenzene-d4	11.551	152	317092	42.359	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.720%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	264004	46.034	ug/L	99
3) Chloromethane	1.217	50	262839	47.208	ug/L	100
5) Vinyl chloride	1.285	62	270638	45.341	ug/L	100
6) Bromomethane	1.487	94	155314	46.887	ug/L	99
8) Chloroethane	1.548	64	171084	46.503	ug/L	99
9) Trichlorofluoromethane	1.715	101	380661	47.378	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	225810	47.032	ug/L	99
12) 1,1-Dichloroethene	2.069	96	208486	46.486	ug/L	92
13) Acetone	2.111	43	126780	61.399	ug/L	99
14) Carbon disulfide	2.240	76	611904	43.710	ug/L	100
15) Methyl Acetate	2.371	43	171288	47.535	ug/L	99
16) Methylene chloride	2.445	84	235553	46.386	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	221770	46.742	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	654577	48.087	ug/L	99
19) 1,1-Dichloroethane	3.104	63	447131	49.187	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	259750	48.922	ug/L	99
22) 2-Butanone	3.873	43	185761	81.280	ug/L	93
23) Bromochloromethane	4.140	128	129871	47.287	ug/L	96
25) Chloroform	4.272	83	439976	46.747	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	320559	48.245	ug/L	99
29) Cyclohexane	4.574	56	344147	46.407	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	381141	47.380	ug/L	99
31) Carbon tetrachloride	4.728	117	330806	47.299	ug/L	99
33) Benzene	5.005	78	938101	47.623	ug/L	100
34) Trichloroethene	5.828	95	241437	46.024	ug/L	98
35) Methylcyclohexane	6.043	83	376953	46.710	ug/L	99
37) 1,2-Dichloropropane	6.088	63	238647	46.916	ug/L	100
38) Bromodichloromethane	6.429	83	322825	47.476	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	392594	48.351	ug/L	98
40) 4-Methyl-2-pentanone	7.156	43	409464	98.866	ug/L	99
42) Toluene	7.310	91	993469	48.649	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	353010	48.290	ug/L	98
45) 1,1,2-Trichloroethane	7.763	97	237357	48.597	ug/L	98
46) Tetrachloroethene	7.898	164	186052	46.387	ug/L	97
48) 2-Hexanone	8.072	43	289649	89.941	ug/L	98
49) Dibromochloromethane	8.172	129	248107	47.996	ug/L	97
50) 1,2-Dibromoethane	8.275	107	238131	47.166	ug/L	99
51) Chlorobenzene	8.808	112	648728	46.628	ug/L	100
52) Ethylbenzene	8.940	91	1096846	47.716	ug/L	99
53) m,p-Xylene	9.066	106	418344	48.900	ug/L	98
54) o-Xylene	9.471	106	402291	48.166	ug/L	96
55) Styrene	9.490	104	722098	49.663	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	325811	47.846	ug/L	98
59) Bromoform	9.657	173	164229	47.300	ug/L	97
60) Isopropylbenzene	9.860	105	1087148	47.071	ug/L	99
61) 1,2,3-Trichloropropane	10.201	75	237737	47.030	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	873395	47.831	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	870550	47.917	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	514452	46.277	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	534744	46.195	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	511028	46.501	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	55311	45.075	ug/L	97
69) 1,3,5-Trichlorobenzene	12.573	180	335563	43.894	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	304542	42.936	ug/L	100
71) Naphthalene	13.432	128	781072	42.149	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	302131	43.135	ug/L	100

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

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