

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
 Data File : VV037651.D
 Acq On : 30 Sep 2024 13:49
 Operator : SY/MD
 Sample : P4218-03MSD 10X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1H08MSD

Quant Time: Oct 01 02:07:30 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 02:04:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	688481	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	684268	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	377761	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	274007	45.337	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	90.680%		
7) Chloroethane-d5	1.519	69	218133	46.498	ug/L	-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery =	93.000%		
11) 1,1-Dichloroethene-d2	2.056	65	117990	46.728	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.460%		
21) 2-Butanone-d5	3.789	46	178662	82.995	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.000%		
24) Chloroform-d	4.240	84	500542	46.551	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.100%		
26) 1,2-Dichloroethane-d4	4.934	65	289351	45.974	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	91.940%		
32) Benzene-d6	4.950	84	985048	46.004	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.000%		
36) 1,2-Dichloropropane-d6	5.982	67	299128	43.872	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	87.740%		
41) Toluene-d8	7.236	98	919529	47.360	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.720%		
43) trans-1,3-Dichloroprop...	7.548	79	142440	44.971	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.940%		
47) 2-Hexanone-d5	8.024	63	147480	102.436	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	102.440%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	353061	44.565	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.140%		
66) 1,2-Dichlorobenzene-d4	11.551	152	361534	45.418	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	90.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.105	85	293399	50.059	ug/L	100
3) Chloromethane	1.217	50	280550	49.304	ug/L	99
5) Vinyl chloride	1.282	62	296913	48.672	ug/L	99
6) Bromomethane	1.471	94	170706	50.424	ug/L	99
8) Chloroethane	1.539	64	182184	48.454	ug/L	100
9) Trichlorofluoromethane	1.706	101	418257	50.936	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	243482	49.621	ug/L	98
12) 1,1-Dichloroethene	2.066	96	226123	49.333	ug/L	87
13) Acetone	2.111	43	150393	71.267	ug/L	98
14) Carbon disulfide	2.236	76	675227	47.195	ug/L	100
15) Methyl Acetate	2.368	43	192980	52.401	ug/L	98
16) Methylene chloride	2.442	84	254912	49.118	ug/L	97
17) trans-1,2-Dichloroethene	2.687	96	241095	49.721	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	706192	50.762	ug/L	99
19) 1,1-Dichloroethane	3.105	63	462853	49.820	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	273702	50.440	ug/L	98
22) 2-Butanone	3.873	43	204397	87.509	ug/L	94
23) Bromochloromethane	4.137	128	143942	51.282	ug/L	97
25) Chloroform	4.269	83	476566	49.544	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	346398	51.012	ug/L	99
29) Cyclohexane	4.571	56	369441	47.552	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	419569	49.785	ug/L	99
31) Carbon tetrachloride	4.725	117	367553	50.164	ug/L	100
33) Benzene	5.002	78	1016170	49.241	ug/L	100
34) Trichloroethene	5.825	95	265882	48.379	ug/L	98
35) Methylcyclohexane	6.040	83	406877	48.125	ug/L	100
37) 1,2-Dichloropropane	6.088	63	267630	50.222	ug/L	98
38) Bromodichloromethane	6.426	83	358641	50.345	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	419870	49.358	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	417236	96.161	ug/L	96
42) Toluene	7.307	91	1132054	52.915	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	391629	51.137	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	254603	49.757	ug/L	98
46) Tetrachloroethene	7.899	164	210909	50.193	ug/L	98
48) 2-Hexanone	8.072	43	311954	92.462	ug/L	98
49) Dibromochloromethane	8.172	129	277782	51.293	ug/L	97
50) 1,2-Dibromoethane	8.275	107	264041	49.919	ug/L	99
51) Chlorobenzene	8.809	112	723217	49.618	ug/L	99
52) Ethylbenzene	8.940	91	1207226	50.130	ug/L	100
53) m,p-Xylene	9.066	106	477845	53.315	ug/L	99
54) o-Xylene	9.471	106	456803	52.205	ug/L	97
55) Styrene	9.490	104	813744	53.421	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	357203	50.070	ug/L	99
59) Bromoform	9.657	173	189290	51.268	ug/L	98
60) Isopropylbenzene	9.860	105	1216736	49.542	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	255934	47.612	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	990329	51.003	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	1007162	52.132	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	589820	49.894	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	615519	50.004	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	581536	49.763	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	62515	47.910	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	401438	49.381	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	370935	49.180	ug/L	100
71) Naphthalene	13.432	128	984408	49.955	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	369386	49.593	ug/L	99

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

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