

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092724\
 Data File : VV037597.D
 Acq On : 27 Sep 2024 11:37
 Operator : SY/MD
 Sample : P4185-07MS
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EY028MS

Quant Time: Sep 27 23:47:19 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 27 23:45:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	654234	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	640285	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	346861	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	219048	38.141	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	76.280%		
7) Chloroethane-d5	1.532	69	187235	42.001	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	84.000%		
11) 1,1-Dichloroethene-d2	2.060	65	99710	41.556	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	83.120%		
21) 2-Butanone-d5	3.789	46	221069	108.071	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	108.070%		
24) Chloroform-d	4.243	84	488628	47.822	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	95.640%		
26) 1,2-Dichloroethane-d4	4.937	65	287728	48.109	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	96.220%		
32) Benzene-d6	4.953	84	927538	46.294	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.580%		
36) 1,2-Dichloropropane-d6	5.982	67	299881	47.003	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	94.000%		
41) Toluene-d8	7.236	98	868327	47.795	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.580%		
43) trans-1,3-Dichloroprop...	7.548	79	147292	49.698	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	99.400%		
47) 2-Hexanone-d5	8.024	63	142106	105.483	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.480%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	376258	50.756	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	101.520%		
66) 1,2-Dichlorobenzene-d4	11.554	152	363780	49.771	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.540%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.108	85	289112	51.909	ug/L	99
3) Chloromethane	1.217	50	270118	49.956	ug/L	99
5) Vinyl chloride	1.285	62	572291	98.724	ug/L	99
6) Bromomethane	1.487	94	161788	50.292	ug/L	98
8) Chloroethane	1.548	64	362326	101.409	ug/L	100
9) Trichlorofluoromethane	1.712	101	406436	52.088	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	238460	51.141	ug/L	99
12) 1,1-Dichloroethene	2.069	96	293642	67.418	ug/L #	79
13) Acetone	2.111	43	137522	68.579	ug/L	100
14) Carbon disulfide	2.240	76	659572	48.514	ug/L	99
15) Methyl Acetate	2.371	43	178418	50.983	ug/L	100
16) Methylene chloride	2.445	84	246700	50.024	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	275271	59.741	ug/L	99
18) Methyl tert-butyl Ether	2.706	73	682143	51.600	ug/L	100
19) 1,1-Dichloroethane	3.105	63	6290450	712.529	ug/L	99
20) cis-1,2-Dichloroethene	3.805	96	7408100	1436.698	ug/L	98
22) 2-Butanone	3.876	43	193780	87.306	ug/L	98
23) Bromochloromethane	4.143	128	133327	49.986	ug/L	99
25) Chloroform	4.272	83	456757	49.971	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	359791	55.757	ug/L	100
29) Cyclohexane	4.574	56	370142	50.915	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	4015876	509.245	ug/L	99
31) Carbon tetrachloride	4.728	117	349184	50.930	ug/L	99
33) Benzene	5.005	78	989504	51.242	ug/L	100
34) Trichloroethene	5.828	95	319797	62.186	ug/L	98
35) Methylcyclohexane	6.043	83	407120	51.462	ug/L	100
37) 1,2-Dichloropropane	6.088	63	249873	50.110	ug/L	99
38) Bromodichloromethane	6.429	83	335684	50.359	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	399870	50.236	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	426163	104.966	ug/L	99
42) Toluene	7.310	91	1344694	67.172	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	368768	51.459	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	246045	51.388	ug/L	99
46) Tetrachloroethene	7.899	164	249900	63.558	ug/L	99
48) 2-Hexanone	8.072	43	305376	96.730	ug/L	98
49) Dibromochloromethane	8.172	129	259461	51.201	ug/L	100
50) 1,2-Dibromoethane	8.278	107	248873	50.284	ug/L	99
51) Chlorobenzene	8.809	112	685158	50.236	ug/L	99
52) Ethylbenzene	8.940	91	1291502	57.313	ug/L	100
53) m,p-Xylene	9.066	106	565289	67.404	ug/L	99
54) o-Xylene	9.471	106	578218	70.621	ug/L	99
55) Styrene	9.490	104	777058	54.517	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	345535	51.762	ug/L	98
59) Bromoform	9.657	173	172756	50.959	ug/L	99
60) Isopropylbenzene	9.860	105	1180572	52.352	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	246606	49.964	ug/L	100
62) 1,3,5-Trimethylbenzene	10.468	105	1142003	64.054	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	1387144	78.197	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	547211	50.413	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	564794	49.970	ug/L	100
67) 1,2-Dichlorobenzene	11.570	146	548633	51.129	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	61940	51.698	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	372667	49.926	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	345733	49.922	ug/L	100
71) Naphthalene	13.429	128	986327	54.512	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	340569	49.798	ug/L	99

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

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