

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081624\
 Data File : VV036963.D
 Acq On : 16 Aug 2024 18:10
 Operator : SY/MD
 Sample : P3648-09MSD
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 JAAS5MSD

Quant Time: Aug 16 23:10:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 16 23:06:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	619270	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	602592	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	308959	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	229195	46.338	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.680%
7) Chloroethane-d5	1.529	69	192779	49.423	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.840%
11) 1,1-Dichloroethene-d2	2.056	65	103007	48.686	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.380%
21) 2-Butanone-d5	3.799	46	239180	91.267	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.270%
24) Chloroform-d	4.246	84	454801	51.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.480%
26) 1,2-Dichloroethane-d4	4.937	65	283073	49.602	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.200%
32) Benzene-d6	4.953	84	899484	49.421	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.840%
36) 1,2-Dichloropropane-d6	5.986	67	288107	49.067	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.140%
41) Toluene-d8	7.240	98	819401	49.079	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.160%
43) trans-1,3-Dichloroprop...	7.551	79	129217	42.286	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.580%
47) 2-Hexanone-d5	8.027	63	172164	101.975	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.980%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	355117	52.673	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.340%
66) 1,2-Dichlorobenzene-d4	11.555	152	299289	47.538	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	257732	52.196	ug/L	100
3) Chloromethane	1.217	50	270481	52.343	ug/L	99
5) Vinyl chloride	1.282	62	279759	52.718	ug/L	99
6) Bromomethane	1.484	94	171245	51.253	ug/L	100
8) Chloroethane	1.545	64	175564	53.410	ug/L	98
9) Trichlorofluoromethane	1.712	101	375446	54.013	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	221976	54.195	ug/L	99
12) 1,1-Dichloroethene	2.066	96	209233	53.487	ug/L	95
13) Acetone	2.114	43	196520	89.627	ug/L	99
14) Carbon disulfide	2.237	76	550646	44.811	ug/L	99
15) Methyl Acetate	2.372	43	221890	49.124	ug/L	99
16) Methylene chloride	2.442	84	237861	54.087	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	213927	52.795	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	756027	52.976	ug/L	100
19) 1,1-Dichloroethane	3.105	63	449849	54.950	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	252242	53.037	ug/L	96
22) 2-Butanone	3.880	43	294364	100.214	ug/L	97
23) Bromochloromethane	4.140	128	128432	55.592	ug/L	98
25) Chloroform	4.272	83	455353	54.155	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	346486	52.241	ug/L	99
29) Cyclohexane	4.571	56	368060	47.938	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	376252	49.560	ug/L	100
31) Carbon tetrachloride	4.725	117	309631	48.563	ug/L	98
33) Benzene	5.002	78	942729	52.305	ug/L	100
34) Trichloroethene	5.828	95	258960	49.576	ug/L	98
35) Methylcyclohexane	6.043	83	378977	47.281	ug/L	98
37) 1,2-Dichloropropane	6.092	63	256785	53.782	ug/L	99
38) Bromodichloromethane	6.429	83	331457	50.412	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	390145	47.712	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	615194	104.013	ug/L	98
42) Toluene	7.310	91	989986	51.569	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	361632	47.460	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	245035	52.994	ug/L	99
46) Tetrachloroethene	7.902	164	174569	50.950	ug/L	98
48) 2-Hexanone	8.076	43	457088	105.049	ug/L	99
49) Dibromochloromethane	8.172	129	242600	51.057	ug/L	99
50) 1,2-Dibromoethane	8.278	107	255938	53.349	ug/L	99
51) Chlorobenzene	8.809	112	640658	52.011	ug/L	99
52) Ethylbenzene	8.940	91	1119277	51.062	ug/L	100
53) m,p-Xylene	9.069	106	417786	50.990	ug/L	99
54) o-Xylene	9.474	106	406527	50.728	ug/L	99
55) Styrene	9.490	104	719597	52.398	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	360044	57.708	ug/L	99
59) Bromoform	9.661	173	161025	47.111	ug/L	98
60) Isopropylbenzene	9.863	105	1122723	49.915	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	287960	51.775	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	911532	48.677	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	916636	48.898	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	493504	51.021	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	500572	50.892	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	495238	52.425	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	75147	46.756	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	338965	49.382	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	323812	49.186	ug/L	99
71) Naphthalene	13.432	128	1070224	50.695	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	325892	50.571	ug/L	99

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

