

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
 Data File : VV037092.D
 Acq On : 27 Aug 2024 17:27
 Operator : SY/MD
 Sample : P3692-08MSD
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1K38MSD

Quant Time: Aug 28 04:23:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 28 04:16:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	753464	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	700989	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	357627	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	303664	44.058	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	88.120%
7) Chloroethane-d5	1.529	69	207544	38.962	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.920%
11) 1,1-Dichloroethene-d2	2.056	65	115563	39.892	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.780%
21) 2-Butanone-d5	3.796	46	270708	101.424	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.420%
24) Chloroform-d	4.243	84	460296	42.671	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.340%
26) 1,2-Dichloroethane-d4	4.937	65	291647	42.932	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.860%
32) Benzene-d6	4.953	84	871367	41.155	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.320%
36) 1,2-Dichloropropane-d6	5.986	67	270867	40.845	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.700%
41) Toluene-d8	7.239	98	801411	41.940	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.880%
43) trans-1,3-Dichloroprop...	7.551	79	132546	43.202	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.400%
47) 2-Hexanone-d5	8.024	63	211716	116.979	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	116.980%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	368403	45.805	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.620%
66) 1,2-Dichlorobenzene-d4	11.554	152	293559	40.985	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	266852	41.911	ug/L	100
3) Chloromethane	1.217	50	255186	35.638	ug/L	99
5) Vinyl chloride	1.282	62	4989469	742.247	ug/L	99
6) Bromomethane	1.484	94	148756	39.493	ug/L	99
8) Chloroethane	1.545	64	181209	44.072	ug/L	100
9) Trichlorofluoromethane	1.709	101	395757	45.114	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	232305	44.523	ug/L	99
12) 1,1-Dichloroethene	2.066	96	222490	45.261	ug/L	93
13) Acetone	2.111	43	195306	68.228	ug/L	100
14) Carbon disulfide	2.236	76	647578	43.395	ug/L	99
15) Methyl Acetate	2.372	43	226050	47.103	ug/L	99
16) Methylene chloride	2.442	84	248353	44.779	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	234139	45.882	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	793657	49.441	ug/L	99
19) 1,1-Dichloroethane	3.101	63	468907	46.269	ug/L	99
20) cis-1,2-Dichloroethene	3.806	96	1370748	243.088	ug/L	99
22) 2-Butanone	3.879	43	277747	88.126	ug/L	98
23) Bromochloromethane	4.140	128	120108	43.391	ug/L	99
25) Chloroform	4.269	83	430671	41.962	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	353610	46.968	ug/L	100
29) Cyclohexane	4.571	56	366959	44.523	ug/L	98
30) 1,1,1-Trichloroethane	4.503	97	376267	46.650	ug/L	99
31) Carbon tetrachloride	4.725	117	314962	46.277	ug/L	99
33) Benzene	5.002	78	919364	45.446	ug/L	100
34) Trichloroethene	5.828	95	236989	44.384	ug/L	97
35) Methylcyclohexane	6.043	83	387933	44.716	ug/L	98
37) 1,2-Dichloropropane	6.088	63	234854	43.303	ug/L	100
38) Bromodichloromethane	6.429	83	320453	46.100	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	389006	45.452	ug/L	98
40) 4-Methyl-2-pentanone	7.159	43	612683	111.119	ug/L	99
42) Toluene	7.310	91	976776	46.374	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	360232	47.089	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	233363	46.223	ug/L	98
46) Tetrachloroethene	7.902	164	171042	44.645	ug/L	98
48) 2-Hexanone	8.075	43	440706	103.349	ug/L	99
49) Dibromochloromethane	8.172	129	232437	45.979	ug/L	99
50) 1,2-Dibromoethane	8.278	107	242975	47.560	ug/L	99
51) Chlorobenzene	8.809	112	630919	45.245	ug/L	99
52) Ethylbenzene	8.940	91	1115470	46.885	ug/L	98
53) m,p-Xylene	9.069	106	411296	46.658	ug/L	97
54) o-Xylene	9.474	106	404672	46.886	ug/L	98
55) Styrene	9.490	104	697667	46.585	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.172	83	365800	48.921	ug/L	100
59) Bromoform	9.661	173	153850	46.199	ug/L	99
60) Isopropylbenzene	9.863	105	1103912	47.614	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	277449	49.871	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	907551	47.845	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	917470	48.467	ug/L	98
64) 1,3-Dichlorobenzene	11.114	146	484679	45.273	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	481798	43.971	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	474024	45.031	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	74214	53.491	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	332989	44.701	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	318862	45.458	ug/L	99
71) Naphthalene	13.432	128	1102400	54.426	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	317569	45.941	ug/L	99

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

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