

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV082724\
 Data File : VV037116.D
 Acq On : 28 Aug 2024 02:42
 Operator : SY/MD
 Sample : P3693-12MS
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E1K73MS

Quant Time: Aug 28 06:17:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 28 05:52:22 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	616308	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	592216	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	298072	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	261959	46.465	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.940%
7) Chloroethane-d5	1.529	69	198086	45.462	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	90.920%
11) 1,1-Dichloroethene-d2	2.056	65	106825	45.082	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.160%
21) 2-Butanone-d5	3.796	46	220934	101.197	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.200%
24) Chloroform-d	4.243	84	439959	49.862	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.720%
26) 1,2-Dichloroethane-d4	4.937	65	270406	48.664	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.320%
32) Benzene-d6	4.953	84	848872	47.457	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.920%
36) 1,2-Dichloropropane-d6	5.986	67	269645	48.129	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.260%
41) Toluene-d8	7.236	98	763508	47.295	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.551	79	111964	43.197	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.400%
47) 2-Hexanone-d5	8.024	63	172383	112.740	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	112.740%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	350710	51.615	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.220%
66) 1,2-Dichlorobenzene-d4	11.554	152	282552	47.330	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.660%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	254706	48.906	ug/L	99
3) Chloromethane	1.217	50	256629	43.815	ug/L	99
5) Vinyl chloride	1.282	62	2384239	433.619	ug/L	100
6) Bromomethane	1.484	94	133138	43.213	ug/L	100
8) Chloroethane	1.548	64	172803	51.380	ug/L	99
9) Trichlorofluoromethane	1.712	101	359349	50.080	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	215995	50.610	ug/L	98
12) 1,1-Dichloroethene	2.069	96	206150	51.270	ug/L	97
13) Acetone	2.111	43	169843	72.537	ug/L	99
14) Carbon disulfide	2.236	76	591629	48.468	ug/L	99
15) Methyl Acetate	2.372	43	149053	37.971	ug/L	100
16) Methylene chloride	2.442	84	233657	51.505	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	216212	51.798	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	709053	54.000	ug/L	99
19) 1,1-Dichloroethane	3.105	63	435698	52.560	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	244249	52.955	ug/L	99
22) 2-Butanone	3.876	43	244651	94.900	ug/L	99
23) Bromochloromethane	4.140	128	118961	52.541	ug/L	98
25) Chloroform	4.272	83	416434	49.604	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	320785	52.091	ug/L	99
29) Cyclohexane	4.571	56	351747	50.515	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	347475	50.992	ug/L	99
31) Carbon tetrachloride	4.725	117	294981	51.302	ug/L	99
33) Benzene	5.002	78	897762	52.529	ug/L	100
34) Trichloroethene	5.828	95	230480	51.093	ug/L	97
35) Methylcyclohexane	6.043	83	359130	49.000	ug/L	98
37) 1,2-Dichloropropane	6.092	63	232361	50.713	ug/L	99
38) Bromodichloromethane	6.429	83	298908	50.899	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	340523	47.094	ug/L	97
40) 4-Methyl-2-pentanone	7.156	43	523455	112.373	ug/L	100
42) Toluene	7.310	91	931064	52.322	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	298305	46.156	ug/L	99
45) 1,1,2-Trichloroethane	7.764	97	224964	52.743	ug/L	99
46) Tetrachloroethene	7.899	164	161195	49.803	ug/L	98
48) 2-Hexanone	8.075	43	373514	103.680	ug/L	99
49) Dibromochloromethane	8.172	129	218011	51.046	ug/L	100
50) 1,2-Dibromoethane	8.278	107	234781	54.397	ug/L	97
51) Chlorobenzene	8.809	112	604907	51.347	ug/L	100
52) Ethylbenzene	8.940	91	1048737	52.176	ug/L	99
53) m,p-Xylene	9.069	106	384989	51.696	ug/L	97
54) o-Xylene	9.474	106	381324	52.296	ug/L	100
55) Styrene	9.490	104	660347	52.192	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	345164	54.640	ug/L	99
59) Bromoform	9.661	173	141972	51.150	ug/L	99
60) Isopropylbenzene	9.863	105	1024298	53.007	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	256141	55.240	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	832870	52.680	ug/L	100
63) 1,2,4-Trimethylbenzene	10.847	105	837124	53.058	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	457185	51.237	ug/L	100
65) 1,4-Dichlorobenzene	11.204	146	460595	50.434	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	450159	51.308	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	62870	54.369	ug/L	97
69) 1,3,5-Trichlorobenzene	12.577	180	303175	48.830	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	287709	49.211	ug/L	99
71) Naphthalene	13.432	128	925304	54.810	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	293381	50.921	ug/L	99

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

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