

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081324\
 Data File : VV036924.D
 Acq On : 13 Aug 2024 16:50
 Operator : SY/MD
 Sample : P3589-05MS
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0CK5MS

Quant Time: Aug 14 04:13:13 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Aug 14 04:10:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	680235	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	644543	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	326322	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	167192	30.773	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	61.540%
7) Chloroethane-d5	1.532	69	155456	36.283	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.560%
11) 1,1-Dichloroethene-d2	2.056	65	76867	33.075	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.140%
21) 2-Butanone-d5	3.796	46	270015	93.799	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.800%
24) Chloroform-d	4.246	84	424967	43.587	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.180%
26) 1,2-Dichloroethane-d4	4.940	65	262944	41.945	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.900%
32) Benzene-d6	4.953	84	762876	39.187	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.380%
36) 1,2-Dichloropropane-d6	5.985	67	267299	42.560	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.120%
41) Toluene-d8	7.239	98	650867	36.447	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	72.900%#
43) trans-1,3-Dichloroprop...	7.551	79	122262	37.405	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.820%
47) 2-Hexanone-d5	8.024	63	178416	98.800	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.800%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	360188	49.948	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.900%
66) 1,2-Dichlorobenzene-d4	11.554	152	286395	43.070	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.140%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	277863	51.230	ug/L	100
3) Chloromethane	1.217	50	287672	50.680	ug/L	100
5) Vinyl chloride	1.281	62	297185	50.982	ug/L	97
6) Bromomethane	1.487	94	175897	47.927	ug/L	99
8) Chloroethane	1.548	64	179745	49.781	ug/L	99
9) Trichlorofluoromethane	1.712	101	383790	50.265	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	225962	50.224	ug/L	99
12) 1,1-Dichloroethene	2.069	96	211176	49.145	ug/L	89
13) Acetone	2.114	43	188369	78.210	ug/L	98
14) Carbon disulfide	2.236	76	580052	42.974	ug/L	99
15) Methyl Acetate	2.371	43	223255	44.997	ug/L	99
16) Methylene chloride	2.442	84	245812	50.885	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	223457	50.205	ug/L	100
18) Methyl tert-butyl Ether	2.706	73	772496	49.279	ug/L	99
19) 1,1-Dichloroethane	3.104	63	458382	50.974	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	258433	49.469	ug/L	97
22) 2-Butanone	3.879	43	280560	86.955	ug/L	100
23) Bromochloromethane	4.143	128	129465	51.017	ug/L	99
25) Chloroform	4.272	83	468909	50.769	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	356295	48.905	ug/L	100
29) Cyclohexane	4.574	56	391040	47.617	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	387019	47.660	ug/L	100
31) Carbon tetrachloride	4.725	117	327517	48.025	ug/L	100
33) Benzene	5.005	78	980511	50.861	ug/L	100
34) Trichloroethene	5.828	95	266347	47.671	ug/L	98
35) Methylcyclohexane	6.043	83	401287	46.806	ug/L	99
37) 1,2-Dichloropropane	6.091	63	267981	52.473	ug/L	99
38) Bromodichloromethane	6.429	83	346807	49.314	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	405937	46.412	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	603695	95.426	ug/L	99
42) Toluene	7.310	91	1032191	50.268	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	377605	46.331	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	250388	50.627	ug/L	99
46) Tetrachloroethene	7.899	164	180055	49.131	ug/L	99
48) 2-Hexanone	8.075	43	433804	93.209	ug/L	98
49) Dibromochloromethane	8.172	129	258213	50.806	ug/L	99
50) 1,2-Dibromoethane	8.278	107	255922	49.874	ug/L	98
51) Chlorobenzene	8.808	112	663787	50.381	ug/L	99
52) Ethylbenzene	8.943	91	1161031	49.520	ug/L	100
53) m,p-Xylene	9.069	106	433365	49.449	ug/L	97
54) o-Xylene	9.474	106	427485	49.871	ug/L	98
55) Styrene	9.493	104	730937	49.759	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.172	83	353914	53.034	ug/L	99
59) Bromoform	9.661	173	167022	46.266	ug/L	97
60) Isopropylbenzene	9.863	105	1154200	48.584	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	284367	48.408	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	950290	48.046	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	943976	47.677	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	508325	49.757	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	514751	49.549	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	504660	50.579	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	70652	41.620	ug/L	95
69) 1,3,5-Trichlorobenzene	12.577	180	353150	48.711	ug/L	100
70) 1,2,4-trichlorobenzene	13.194	180	329886	47.443	ug/L	100
71) Naphthalene	13.432	128	998656	44.788	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	325874	47.878	ug/L	100

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

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