

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081324\
 Data File : VV036927.D
 Acq On : 13 Aug 2024 17:56
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050357

Quant Time: Aug 14 05:06:27 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	661808	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	620787	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	308996	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	187789	35.526	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.060%
7) Chloroethane-d5	1.532	69	172485	41.378	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.760%
11) 1,1-Dichloroethene-d2	2.060	65	81359	35.983	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.960%
21) 2-Butanone-d5	3.796	46	270947	96.744	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.740%
24) Chloroform-d	4.246	84	430878	45.423	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.840%
26) 1,2-Dichloroethane-d4	4.940	65	272007	44.599	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.200%
32) Benzene-d6	4.953	84	780307	41.616	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.240%
36) 1,2-Dichloropropane-d6	5.985	67	272854	45.107	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.220%
41) Toluene-d8	7.239	98	656864	38.191	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	76.380%#
43) trans-1,3-Dichloroprop...	7.551	79	117286	37.256	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.520%
47) 2-Hexanone-d5	8.024	63	175176	100.718	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.720%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	355172	51.137	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.280%
66) 1,2-Dichlorobenzene-d4	11.554	152	275049	43.683	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	256791	48.663	ug/L	99
3) Chloromethane	1.217	50	288862	52.307	ug/L	99
5) Vinyl chloride	1.281	62	289641	51.072	ug/L	96
6) Bromomethane	1.487	94	181574	50.852	ug/L	98
8) Chloroethane	1.548	64	183983	52.373	ug/L	96
9) Trichlorofluoromethane	1.712	101	360554	48.537	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	206677	47.217	ug/L	99
12) 1,1-Dichloroethene	2.069	96	204437	48.902	ug/L	93
13) Acetone	2.114	43	186137	79.435	ug/L	98
14) Carbon disulfide	2.240	76	559909	42.637	ug/L	99
15) Methyl Acetate	2.371	43	246147	50.992	ug/L	98
16) Methylene chloride	2.445	84	246777	52.507	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	216602	50.020	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	779174	51.089	ug/L	100
19) 1,1-Dichloroethane	3.105	63	457685	52.314	ug/L	97
20) cis-1,2-Dichloroethene	3.809	96	259468	51.050	ug/L	96
22) 2-Butanone	3.879	43	280930	89.494	ug/L	97
23) Bromochloromethane	4.143	128	130237	52.750	ug/L	99
25) Chloroform	4.272	83	464564	51.699	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	361196	50.959	ug/L	99
29) Cyclohexane	4.574	56	347514	43.936	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	374798	47.921	ug/L	99
31) Carbon tetrachloride	4.728	117	302190	46.007	ug/L	99
33) Benzene	5.005	78	956095	51.492	ug/L	100
34) Trichloroethene	5.828	95	256046	47.581	ug/L	97
35) Methylcyclohexane	6.043	83	353531	42.814	ug/L	99
37) 1,2-Dichloropropane	6.092	63	258392	52.532	ug/L	100
38) Bromodichloromethane	6.429	83	337914	49.888	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	409103	48.564	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	607630	99.723	ug/L	99
42) Toluene	7.310	91	979688	49.536	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	364357	46.416	ug/L	100
45) 1,1,2-Trichloroethane	7.767	97	251284	52.753	ug/L	99
46) Tetrachloroethene	7.902	164	164888	46.714	ug/L	98
48) 2-Hexanone	8.075	43	438978	97.930	ug/L	99
49) Dibromochloromethane	8.172	129	244349	49.918	ug/L	100
50) 1,2-Dibromoethane	8.278	107	258941	52.393	ug/L	99
51) Chlorobenzene	8.808	112	632629	49.854	ug/L	98
52) Ethylbenzene	8.940	91	1073186	47.524	ug/L	99
53) m,p-Xylene	9.069	106	398547	47.216	ug/L	97
54) o-Xylene	9.474	106	400616	48.525	ug/L	98
55) Styrene	9.493	104	707572	50.012	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.175	83	353224	54.956	ug/L	99
59) Bromoform	9.661	173	160545	46.965	ug/L	98
60) Isopropylbenzene	9.863	105	1055762	46.932	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	285787	51.378	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	868706	46.384	ug/L	99
63) 1,2,4-Trimethylbenzene	10.847	105	874826	46.662	ug/L	99
64) 1,3-Dichlorobenzene	11.114	146	482000	49.826	ug/L	99
65) 1,4-Dichlorobenzene	11.204	146	491931	50.007	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	479335	50.735	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	70776	44.031	ug/L	99
69) 1,3,5-Trichlorobenzene	12.577	180	321904	46.890	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	309827	47.057	ug/L	100
71) Naphthalene	13.432	128	1001018	47.411	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	315160	48.900	ug/L	98

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

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