

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081524\
 Data File : VV036944.D
 Acq On : 15 Aug 2024 17:11
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050361

Quant Time: Aug 16 02:17:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 16 02:14:55 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	658455	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	620367	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	308120	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	235403	44.761	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.520%
7) Chloroethane-d5	1.532	69	193949	46.764	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.520%
11) 1,1-Dichloroethene-d2	2.060	65	102151	45.408	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.820%
21) 2-Butanone-d5	3.799	46	266468	95.629	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.630%
24) Chloroform-d	4.246	84	450699	47.755	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.500%
26) 1,2-Dichloroethane-d4	4.941	65	282772	46.600	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.200%
32) Benzene-d6	4.953	84	864447	46.135	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.260%
36) 1,2-Dichloropropane-d6	5.985	67	286264	47.356	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.720%
41) Toluene-d8	7.239	98	761685	44.315	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.640%
43) trans-1,3-Dichloroprop...	7.551	79	128323	40.790	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.580%
47) 2-Hexanone-d5	8.024	63	174454	100.371	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.370%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	358333	51.627	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.260%
66) 1,2-Dichlorobenzene-d4	11.554	152	286829	45.683	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	251144	47.835	ug/L	100
3) Chloromethane	1.217	50	286051	52.061	ug/L	99
5) Vinyl chloride	1.282	62	292359	51.814	ug/L	96
6) Bromomethane	1.487	94	179315	50.475	ug/L	99
8) Chloroethane	1.548	64	181413	51.905	ug/L	99
9) Trichlorofluoromethane	1.712	101	369322	49.970	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	205481	47.182	ug/L	99
12) 1,1-Dichloroethene	2.069	96	206564	49.662	ug/L	97
13) Acetone	2.114	43	191919	82.320	ug/L	98
14) Carbon disulfide	2.236	76	559820	42.847	ug/L	99
15) Methyl Acetate	2.375	43	252238	52.520	ug/L	99
16) Methylene chloride	2.445	84	247158	52.856	ug/L	99
17) trans-1,2-Dichloroethene	2.690	96	216395	50.226	ug/L	99
18) Methyl tert-butyl Ether	2.709	73	786464	51.829	ug/L	99
19) 1,1-Dichloroethane	3.105	63	462203	53.099	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	262907	51.990	ug/L	97
22) 2-Butanone	3.879	43	294093	94.164	ug/L	99
23) Bromochloromethane	4.143	128	129978	52.913	ug/L	99
25) Chloroform	4.272	83	471770	52.769	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081524\
 Data File : VV036944.D
 Acq On : 15 Aug 2024 17:11
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050361

Quant Time: Aug 16 02:17:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 16 02:14:55 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	358927	50.896	ug/L	98
29) Cyclohexane	4.574	56	330804	41.852	ug/L	98
30) 1,1,1-Trichloroethane	4.506	97	383549	49.073	ug/L	99
31) Carbon tetrachloride	4.728	117	310987	47.378	ug/L	99
33) Benzene	5.005	78	971712	52.369	ug/L	100
34) Trichloroethene	5.828	95	257328	47.852	ug/L	96
35) Methylcyclohexane	6.043	83	328424	39.800	ug/L	99
37) 1,2-Dichloropropane	6.092	63	267585	54.438	ug/L	100
38) Bromodichloromethane	6.429	83	343396	50.732	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	396066	47.048	ug/L	99
40) 4-Methyl-2-pentanone	7.159	43	635449	104.360	ug/L	99
42) Toluene	7.310	91	991582	50.172	ug/L	100
44) trans-1,3-Dichloropropene	7.577	75	370210	47.194	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	255462	53.666	ug/L	99
46) Tetrachloroethene	7.902	164	162777	46.147	ug/L	99
48) 2-Hexanone	8.075	43	459500	102.578	ug/L	99
49) Dibromochloromethane	8.172	129	251431	51.399	ug/L	100
50) 1,2-Dibromoethane	8.278	107	260366	52.717	ug/L	97
51) Chlorobenzene	8.809	112	641441	50.583	ug/L	100
52) Ethylbenzene	8.944	91	1082347	47.963	ug/L	99
53) m,p-Xylene	9.069	106	407134	48.266	ug/L	94
54) o-Xylene	9.474	106	407809	49.430	ug/L	97
55) Styrene	9.490	104	715278	50.591	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.175	83	360458	56.119	ug/L	98
59) Bromoform	9.661	173	163973	48.104	ug/L	99
60) Isopropylbenzene	9.863	105	1051671	46.883	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	297514	53.638	ug/L	98
62) 1,3,5-Trimethylbenzene	10.471	105	867510	46.452	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	879262	47.032	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	478900	49.646	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	483435	49.283	ug/L	99
67) 1,2-Dichlorobenzene	11.574	146	481968	51.159	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.361	75	72871	45.463	ug/L	96
69) 1,3,5-Trichlorobenzene	12.577	180	320014	46.748	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	308970	47.060	ug/L	99
71) Naphthalene	13.432	128	993481	47.188	ug/L	99
72) 1,2,3-Trichlorobenzene	13.677	180	310840	48.367	ug/L	99

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

