

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV092324\
 Data File : VV037493.D
 Acq On : 23 Sep 2024 19:08
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050395

Quant Time: Sep 24 04:03:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 24 03:56:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	846552	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	794369	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	416195	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	273215	35.281	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.560%
7) Chloroethane-d5	1.532	69	225575	37.690	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	75.380%
11) 1,1-Dichloroethene-d2	2.060	65	121559	37.348	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.700%
21) 2-Butanone-d5	3.793	46	275048	91.718	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.720%
24) Chloroform-d	4.246	84	568558	46.911	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.820%
26) 1,2-Dichloroethane-d4	4.937	65	338290	44.322	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.640%
32) Benzene-d6	4.953	84	1104545	46.036	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.080%
36) 1,2-Dichloropropane-d6	5.982	67	349543	46.513	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.020%
41) Toluene-d8	7.236	98	1003786	46.356	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.720%
43) trans-1,3-Dichloroprop...	7.548	79	166879	47.999	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.000%
47) 2-Hexanone-d5	8.024	63	201719	98.353	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.350%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	420957	46.187	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.380%
66) 1,2-Dichlorobenzene-d4	11.554	152	386004	46.308	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.620%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	324456	45.355	ug/L	100
3) Chloromethane	1.217	50	308111	38.297	ug/L	98
5) Vinyl chloride	1.285	62	338954	44.879	ug/L	98
6) Bromomethane	1.487	94	162798	38.468	ug/L	99
8) Chloroethane	1.548	64	214082	46.341	ug/L	99
9) Trichlorofluoromethane	1.715	101	467642	47.447	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	281044	47.941	ug/L	98
12) 1,1-Dichloroethene	2.069	96	260752	47.212	ug/L	96
13) Acetone	2.114	43	178190	55.404	ug/L	98
14) Carbon disulfide	2.240	76	708778	42.273	ug/L	100
15) Methyl Acetate	2.371	43	234118	43.420	ug/L	98
16) Methylene chloride	2.445	84	292813	46.990	ug/L	96
17) trans-1,2-Dichloroethene	2.690	96	272516	47.530	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	894833	49.614	ug/L	99
19) 1,1-Dichloroethane	3.108	63	538576	47.300	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	332738	52.519	ug/L	97
22) 2-Butanone	3.873	43	273444	77.221	ug/L	97
23) Bromochloromethane	4.140	128	163880	52.694	ug/L	95
25) Chloroform	4.272	83	574551	49.825	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	423378	50.052	ug/L	100
29) Cyclohexane	4.574	56	479743	51.364	ug/L	97
30) 1,1,1-Trichloroethane	4.506	97	493258	53.965	ug/L	98
31) Carbon tetrachloride	4.728	117	422596	54.792	ug/L	99
33) Benzene	5.005	78	1223827	53.384	ug/L	100
34) Trichloroethene	5.828	95	327477	54.121	ug/L	98
35) Methylcyclohexane	6.043	83	506187	51.488	ug/L	97
37) 1,2-Dichloropropane	6.088	63	319927	52.055	ug/L	98
38) Bromodichloromethane	6.429	83	424894	53.940	ug/L	99
39) cis-1,3-Dichloropropene	6.950	75	529306	54.574	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	599501	95.947	ug/L	97
42) Toluene	7.310	91	1297815	54.372	ug/L	98
44) trans-1,3-Dichloropropene	7.577	75	480786	55.459	ug/L	100
45) 1,1,2-Trichloroethane	7.763	97	306020	53.489	ug/L	99
46) Tetrachloroethene	7.899	164	235900	54.336	ug/L	97
48) 2-Hexanone	8.072	43	415083	85.898	ug/L	98
49) Dibromochloromethane	8.172	129	311371	54.352	ug/L	99
50) 1,2-Dibromoethane	8.278	107	316348	54.643	ug/L	99
51) Chlorobenzene	8.808	112	858141	54.306	ug/L	99
52) Ethylbenzene	8.940	91	1474576	54.693	ug/L	100
53) m,p-Xylene	9.066	106	556882	55.748	ug/L	99
54) o-Xylene	9.471	106	547624	55.990	ug/L	100
55) Styrene	9.490	104	945364	55.704	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	431818	50.962	ug/L	99
59) Bromoform	9.660	173	206105	53.181	ug/L	100
60) Isopropylbenzene	9.860	105	1487119	55.116	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	323331	49.940	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	1228729	55.661	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	1232389	55.941	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	661486	53.093	ug/L	100
65) 1,4-Dichlorobenzene	11.201	146	674760	52.915	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	646230	52.751	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	79394	49.172	ug/L	93
69) 1,3,5-Trichlorobenzene	12.574	180	457451	52.768	ug/L	100
70) 1,2,4-trichlorobenzene	13.191	180	439722	53.866	ug/L	100
71) Naphthalene	13.432	128	1290604	54.751	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	425846	52.935	ug/L	98

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

