

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV093024\
 Data File : VV037668.D
 Acq On : 30 Sep 2024 19:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050286

Quant Time: Oct 01 02:11:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Oct 01 02:04:27 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	723123	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	694799	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	375444	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	290612	45.781	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.560%
7) Chloroethane-d5	1.532	69	228038	46.281	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.560%
11) 1,1-Dichloroethene-d2	2.059	65	125676	47.388	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.780%
21) 2-Butanone-d5	3.793	46	186466	82.471	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	82.470%
24) Chloroform-d	4.243	84	514776	45.581	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.160%
26) 1,2-Dichloroethane-d4	4.937	65	301066	45.544	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.080%
32) Benzene-d6	4.953	84	1022330	47.022	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.040%
36) 1,2-Dichloropropane-d6	5.985	67	313866	45.336	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.680%
41) Toluene-d8	7.236	98	947286	48.050	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.100%
43) trans-1,3-Dichloroprop...	7.548	79	148214	46.085	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.180%
47) 2-Hexanone-d5	8.024	63	143550	98.195	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.190%
56) 1,1,2,2-Tetrachloroeth...	10.146	84	356721	44.345	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.680%
66) 1,2-Dichlorobenzene-d4	11.554	152	353964	44.741	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.480%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	300110	48.751	ug/L	100
3) Chloromethane	1.217	50	296761	49.655	ug/L	98
5) Vinyl chloride	1.285	62	304180	47.474	ug/L	98
6) Bromomethane	1.487	94	169442	47.653	ug/L	100
8) Chloroethane	1.548	64	190425	48.219	ug/L	98
9) Trichlorofluoromethane	1.712	101	422174	48.950	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	249755	48.461	ug/L	99
12) 1,1-Dichloroethene	2.069	96	234022	48.611	ug/L	89
13) Acetone	2.111	43	150251	67.789	ug/L	99
14) Carbon disulfide	2.240	76	681010	45.318	ug/L	100
15) Methyl Acetate	2.371	43	198472	51.311	ug/L	100
16) Methylene chloride	2.445	84	259356	47.580	ug/L	97
17) trans-1,2-Dichloroethene	2.690	96	245955	48.293	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	732505	50.131	ug/L	100
19) 1,1-Dichloroethane	3.108	63	478979	49.086	ug/L	99
20) cis-1,2-Dichloroethene	3.809	96	281982	49.477	ug/L	99
22) 2-Butanone	3.873	43	209141	85.250	ug/L	97
23) Bromochloromethane	4.140	128	143536	48.687	ug/L	99
25) Chloroform	4.272	83	485583	48.063	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	359854	50.454	ug/L	99
29) Cyclohexane	4.574	56	391247	49.596	ug/L	99
30) 1,1,1-Trichloroethane	4.506	97	425645	49.740	ug/L	100
31) Carbon tetrachloride	4.728	117	370264	49.768	ug/L	99
33) Benzene	5.005	78	1046754	49.954	ug/L	100
34) Trichloroethene	5.828	95	279965	50.169	ug/L	97
35) Methylcyclohexane	6.043	83	420788	49.016	ug/L	99
37) 1,2-Dichloropropane	6.088	63	266307	49.216	ug/L	98
38) Bromodichloromethane	6.429	83	354168	48.963	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	418055	48.400	ug/L	99
40) 4-Methyl-2-pentanone	7.156	43	452182	102.636	ug/L	99
42) Toluene	7.310	91	1115988	51.373	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	388211	49.922	ug/L	99
45) 1,1,2-Trichloroethane	7.763	97	259333	49.913	ug/L	98
46) Tetrachloroethene	7.898	164	214057	50.170	ug/L	97
48) 2-Hexanone	8.072	43	321894	93.962	ug/L	99
49) Dibromochloromethane	8.172	129	271911	49.448	ug/L	97
50) 1,2-Dibromoethane	8.278	107	266175	49.560	ug/L	99
51) Chlorobenzene	8.808	112	736779	49.782	ug/L	99
52) Ethylbenzene	8.940	91	1235396	50.522	ug/L	100
53) m,p-Xylene	9.066	106	477229	52.440	ug/L	100
54) o-Xylene	9.471	106	459830	51.755	ug/L	96
55) Styrene	9.490	104	810832	52.423	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.172	83	356833	49.260	ug/L	100
59) Bromoform	9.657	173	177442	48.356	ug/L	98
60) Isopropylbenzene	9.860	105	1243851	50.958	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	261417	48.933	ug/L	99
62) 1,3,5-Trimethylbenzene	10.471	105	1006880	52.175	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	995018	51.821	ug/L	100
64) 1,3-Dichlorobenzene	11.111	146	583803	49.690	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	596477	48.756	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	572122	49.259	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	59947	46.225	ug/L	99
69) 1,3,5-Trichlorobenzene	12.573	180	392171	48.539	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	360195	48.051	ug/L	99
71) Naphthalene	13.432	128	940563	48.025	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	351286	47.454	ug/L	99

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

