

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV101524\
 Data File : VV037868.D
 Acq On : 15 Oct 2024 14:17
 Operator : SY/MD
 Sample : VSTDCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050309

Quant Time: Oct 16 03:31:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM092624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Oct 16 03:26:57 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	580573	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	586225	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	332306	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	227101	44.560	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.120%
7) Chloroethane-d5	1.532	69	191317	48.362	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.720%
11) 1,1-Dichloroethene-d2	2.056	65	100853	47.365	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.740%
21) 2-Butanone-d5	3.789	46	158912	87.541	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.540%
24) Chloroform-d	4.240	84	454210	50.093	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.180%
26) 1,2-Dichloroethane-d4	4.931	65	258923	48.786	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.580%
32) Benzene-d6	4.947	84	880678	48.009	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.020%
36) 1,2-Dichloropropane-d6	5.979	67	270771	46.354	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.700%
41) Toluene-d8	7.233	98	819672	49.277	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.560%
43) trans-1,3-Dichloroprop...	7.545	79	121417	44.745	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.500%
47) 2-Hexanone-d5	8.021	63	107291	86.985	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.980%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	313046	46.123	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.240%
66) 1,2-Dichlorobenzene-d4	11.551	152	309746	44.235	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	228146	46.160	ug/L	99
3) Chloromethane	1.217	50	234272	48.824	ug/L	100
5) Vinyl chloride	1.285	62	250173	48.632	ug/L	99
6) Bromomethane	1.487	94	144625	50.661	ug/L	98
8) Chloroethane	1.548	64	159111	50.182	ug/L	98
9) Trichlorofluoromethane	1.712	101	361053	52.142	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	218472	52.799	ug/L	99
12) 1,1-Dichloroethene	2.066	96	195462	50.570	ug/L	95
13) Acetone	2.111	43	140552	78.983	ug/L	99
14) Carbon disulfide	2.236	76	521354	43.213	ug/L	99
15) Methyl Acetate	2.368	43	164628	53.012	ug/L	99
16) Methylene chloride	2.442	84	224366	51.267	ug/L	99
17) trans-1,2-Dichloroethene	2.687	96	205846	50.342	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	631698	53.847	ug/L	100
19) 1,1-Dichloroethane	3.101	63	417011	53.229	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	235341	51.432	ug/L	97
22) 2-Butanone	3.870	43	184583	93.714	ug/L	93
23) Bromochloromethane	4.137	128	126142	53.293	ug/L	96
25) Chloroform	4.265	83	436814	53.852	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	310904	54.294	ug/L	100
29) Cyclohexane	4.568	56	291673	43.821	ug/L	99
30) 1,1,1-Trichloroethane	4.500	97	366898	50.816	ug/L	100
31) Carbon tetrachloride	4.722	117	320687	51.087	ug/L	99
33) Benzene	4.998	78	899466	50.875	ug/L	100
34) Trichloroethene	5.822	95	236225	50.171	ug/L	98
35) Methylcyclohexane	6.040	83	332062	45.845	ug/L	99
37) 1,2-Dichloropropane	6.085	63	239900	52.547	ug/L	98
38) Bromodichloromethane	6.423	83	321608	52.696	ug/L	99
39) cis-1,3-Dichloropropene	6.947	75	371964	51.040	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	379054	101.972	ug/L	100
42) Toluene	7.304	91	969360	52.888	ug/L	99
44) trans-1,3-Dichloropropene	7.574	75	338728	51.626	ug/L	100
45) 1,1,2-Trichloroethane	7.760	97	235149	53.641	ug/L	98
46) Tetrachloroethene	7.895	164	179534	49.872	ug/L	98
48) 2-Hexanone	8.069	43	276486	95.655	ug/L	98
49) Dibromochloromethane	8.169	129	246556	53.141	ug/L	98
50) 1,2-Dibromoethane	8.272	107	228568	50.440	ug/L	100
51) Chlorobenzene	8.805	112	637324	51.038	ug/L	98
52) Ethylbenzene	8.937	91	1051490	50.965	ug/L	100
53) m,p-Xylene	9.063	106	404989	52.744	ug/L	100
54) o-Xylene	9.471	106	388337	51.803	ug/L	96
55) Styrene	9.487	104	716753	54.923	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.169	83	317339	51.922	ug/L	99
59) Bromoform	9.657	173	164732	50.720	ug/L	98
60) Isopropylbenzene	9.857	105	1051531	48.672	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	230306	48.705	ug/L	98
62) 1,3,5-Trimethylbenzene	10.468	105	834791	48.873	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	835935	49.188	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	514176	49.445	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	541655	50.022	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	508398	49.455	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.358	75	52742	45.949	ug/L	98
69) 1,3,5-Trichlorobenzene	12.574	180	334748	46.810	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	301001	45.367	ug/L	100
71) Naphthalene	13.432	128	753965	43.495	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	303587	46.335	ug/L	99

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

