

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090924\
 Data File : VV037229.D
 Acq On : 09 Sep 2024 08:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050388

Quant Time: Sep 09 21:58:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 06 23:21:35 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	795045	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	771751	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	396895	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	296447	40.761	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.520%		
7) Chloroethane-d5	1.532	69	234103	41.649	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	83.300%		
11) 1,1-Dichloroethene-d2	2.057	65	124838	40.840	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.680%		
21) 2-Butanone-d5	3.790	46	213737	75.891	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	75.890%		
24) Chloroform-d	4.240	84	508161	44.644	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.280%		
26) 1,2-Dichloroethane-d4	4.934	65	300002	41.852	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.700%		
32) Benzene-d6	4.950	84	1001178	42.951	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	85.900%		
36) 1,2-Dichloropropane-d6	5.982	67	315549	43.220	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	86.440%		
41) Toluene-d8	7.236	98	901977	42.875	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	85.760%		
43) trans-1,3-Dichloroprop...	7.545	79	146937	43.502	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	87.000%		
47) 2-Hexanone-d5	8.021	63	148001	74.277	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	74.280%		
56) 1,1,2,2-Tetrachloroeth...	10.146	84	346936	39.181	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	78.360%		
66) 1,2-Dichlorobenzene-d4	11.551	152	329078	41.399	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.800%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	269551	40.121	ug/L	99
3) Chloromethane	1.217	50	274296	36.303	ug/L	98
5) Vinyl chloride	1.282	62	290391	40.940	ug/L	99
6) Bromomethane	1.487	94	172232	43.334	ug/L	100
8) Chloroethane	1.548	64	180101	41.511	ug/L	100
9) Trichlorofluoromethane	1.712	101	389038	42.029	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	237941	43.218	ug/L	99
12) 1,1-Dichloroethene	2.069	96	215711	41.587	ug/L	98
13) Acetone	2.111	43	238158	78.847	ug/L	99
14) Carbon disulfide	2.240	76	637059	40.457	ug/L	99
15) Methyl Acetate	2.368	43	189554	37.432	ug/L	99
16) Methylene chloride	2.442	84	242633	41.460	ug/L	98
17) trans-1,2-Dichloroethene	2.690	96	226628	42.087	ug/L	93
18) Methyl tert-butyl Ether	2.703	73	693109	40.919	ug/L	99
19) 1,1-Dichloroethane	3.105	63	450500	42.128	ug/L	100
20) cis-1,2-Dichloroethene	3.806	96	251325	42.239	ug/L	98
22) 2-Butanone	3.870	43	245010	73.673	ug/L	100
23) Bromochloromethane	4.137	128	125486	42.963	ug/L	98
25) Chloroform	4.269	83	447965	41.364	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.034	62	330862	41.648	ug/L	100
29) Cyclohexane	4.571	56	372373	41.037	ug/L	100
30) 1,1,1-Trichloroethane	4.503	97	378910	42.670	ug/L	100
31) Carbon tetrachloride	4.725	117	325037	43.378	ug/L	99
33) Benzene	5.002	78	954216	42.843	ug/L	100
34) Trichloroethene	5.825	95	252547	42.961	ug/L	99
35) Methylcyclohexane	6.040	83	405899	42.497	ug/L	99
37) 1,2-Dichloropropane	6.085	63	250793	42.002	ug/L	99
38) Bromodichloromethane	6.426	83	331742	43.348	ug/L	98
39) cis-1,3-Dichloropropene	6.947	75	413494	43.883	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	451447	74.369	ug/L	99
42) Toluene	7.307	91	997725	43.025	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	366855	43.558	ug/L	100
45) 1,1,2-Trichloroethane	7.760	97	229631	41.313	ug/L	98
46) Tetrachloroethene	7.899	164	182224	43.203	ug/L	97
48) 2-Hexanone	8.072	43	344958	73.478	ug/L	100
49) Dibromochloromethane	8.169	129	238950	42.933	ug/L	99
50) 1,2-Dibromoethane	8.275	107	233975	41.599	ug/L	99
51) Chlorobenzene	8.805	112	658455	42.890	ug/L	99
52) Ethylbenzene	8.940	91	1137330	43.420	ug/L	99
53) m,p-Xylene	9.066	106	424111	43.701	ug/L	100
54) o-Xylene	9.471	106	415803	43.758	ug/L	98
55) Styrene	9.487	104	731974	44.394	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.172	83	319036	38.755	ug/L	99
59) Bromoform	9.657	173	154778	41.879	ug/L	99
60) Isopropylbenzene	9.860	105	1123890	43.680	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	237209	38.420	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	921263	43.762	ug/L	100
63) 1,2,4-Trimethylbenzene	10.844	105	913224	43.469	ug/L	99
64) 1,3-Dichlorobenzene	11.111	146	515113	43.355	ug/L	99
65) 1,4-Dichlorobenzene	11.201	146	527515	43.380	ug/L	99
67) 1,2-Dichlorobenzene	11.571	146	505806	43.296	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	55864	36.281	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	357069	43.191	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	331158	42.540	ug/L	99
71) Naphthalene	13.432	128	927704	41.270	ug/L	100
72) 1,2,3-Trichlorobenzene	13.673	180	325793	42.467	ug/L	98

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

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