

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV120524\
 Data File : VV038417.D
 Acq On : 05 Dec 2024 12:56
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050320

Quant Time: Dec 06 01:31:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 06 01:27:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.526	114	526550	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.776	117	531118	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	292003	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	202962	46.131	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.260%
7) Chloroethane-d5	1.523	69	166447	44.900	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.050	65	88639	47.521	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.040%
21) 2-Butanone-d5	3.780	46	267326	127.677	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	127.680%
24) Chloroform-d	4.236	84	395928	49.460	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.920%
26) 1,2-Dichloroethane-d4	4.931	65	236661	50.079	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.160%
32) Benzene-d6	4.947	84	755884	49.396	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	5.979	67	232878	48.942	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.880%
41) Toluene-d8	7.233	98	708820	51.215	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.420%
43) trans-1,3-Dichloroprop...	7.545	79	113436	49.292	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.580%
47) 2-Hexanone-d5	8.018	63	181208	124.705	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	124.700%
56) 1,1,2,2-Tetrachloroeth...	10.143	84	357404	53.707	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	107.420%
66) 1,2-Dichlorobenzene-d4	11.551	152	271226	48.041	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.105	85	237763	49.167	ug/L	98
3) Chloromethane	1.211	50	237246	47.292	ug/L	99
5) Vinyl chloride	1.278	62	250792	49.012	ug/L	99
6) Bromomethane	1.478	94	160276	50.553	ug/L	98
8) Chloroethane	1.542	64	156757	48.415	ug/L	100
9) Trichlorofluoromethane	1.706	101	332588	49.282	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.060	101	193816	49.878	ug/L	98
12) 1,1-Dichloroethene	2.060	96	184567	49.875	ug/L	94
13) Acetone	2.111	43	336402	116.492	ug/L	98
14) Carbon disulfide	2.230	76	588043	48.283	ug/L	100
15) Methyl Acetate	2.368	43	220594	59.020	ug/L	98
16) Methylene chloride	2.439	84	221900	49.694	ug/L	99
17) trans-1,2-Dichloroethene	2.683	96	200747	49.748	ug/L	96
18) Methyl tert-butyl Ether	2.696	73	591349	50.739	ug/L	99
19) 1,1-Dichloroethane	3.101	63	375981	50.804	ug/L	99
20) cis-1,2-Dichloroethene	3.802	96	214681	50.587	ug/L	98
22) 2-Butanone	3.857	43	339134	123.582	ug/L	97
23) Bromochloromethane	4.133	128	116286	50.411	ug/L	97
25) Chloroform	4.262	83	390648	50.568	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.030	62	288160	51.135	ug/L	97
29) Cyclohexane	4.571	56	291690	51.119	ug/L	99
30) 1,1,1-Trichloroethane	4.497	97	334422	49.828	ug/L	100
31) Carbon tetrachloride	4.722	117	297701	50.473	ug/L	100
33) Benzene	4.998	78	827436	51.614	ug/L	100
34) Trichloroethene	5.821	95	213986	49.963	ug/L	98
35) Methylcyclohexane	6.040	83	321719	52.309	ug/L	99
37) 1,2-Dichloropropane	6.082	63	204797	49.132	ug/L	98
38) Bromodichloromethane	6.423	83	287000	49.611	ug/L	99
39) cis-1,3-Dichloropropene	6.944	75	334307	51.683	ug/L	100
40) 4-Methyl-2-pentanone	7.146	43	555360	119.043	ug/L	99
42) Toluene	7.307	91	880930	52.893	ug/L	100
44) trans-1,3-Dichloropropene	7.574	75	323516	51.774	ug/L	97
45) 1,1,2-Trichloroethane	7.760	97	222124	51.359	ug/L	99
46) Tetrachloroethene	7.895	164	163925	49.577	ug/L	98
48) 2-Hexanone	8.066	43	473201	121.569	ug/L	99
49) Dibromochloromethane	8.169	129	229511	51.451	ug/L	99
50) 1,2-Dibromoethane	8.272	107	240120	52.682	ug/L	98
51) Chlorobenzene	8.805	112	571743	49.962	ug/L	99
52) Ethylbenzene	8.937	91	943257	52.804	ug/L	100
53) m,p-Xylene	9.066	106	368041	54.356	ug/L	99
54) o-Xylene	9.471	106	346810	53.242	ug/L	96
55) Styrene	9.487	104	637482	55.745	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.169	83	361532	53.815	ug/L	100
59) Bromoform	9.657	173	165123	52.602	ug/L	100
60) Isopropylbenzene	9.860	105	928394	51.993	ug/L	100
61) 1,2,3-Trichloropropane	10.201	75	275657	54.227	ug/L	99
62) 1,3,5-Trimethylbenzene	10.468	105	739088	51.585	ug/L	99
63) 1,2,4-Trimethylbenzene	10.844	105	744735	52.874	ug/L	100
64) 1,3-Dichlorobenzene	11.107	146	448200	48.900	ug/L	98
65) 1,4-Dichlorobenzene	11.201	146	474948	48.744	ug/L	99
67) 1,2-Dichlorobenzene	11.570	146	453596	48.542	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.355	75	77438	57.799	ug/L	95
69) 1,3,5-Trichlorobenzene	12.574	180	299749	47.948	ug/L	99
70) 1,2,4-trichlorobenzene	13.191	180	255319	48.477	ug/L	100
71) Naphthalene	13.432	128	723846	50.694	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	272149	52.669	ug/L	100

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

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