

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040924\
 Data File : VV035068.D
 Acq On : 09 Apr 2024 08:58
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050322

Quant Time: Apr 10 04:50:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM032624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 06 02:25:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	376477	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	366717	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	187360	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	153294	42.162	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.320%
7) Chloroethane-d5	1.529	69	154967	49.072	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.140%
11) 1,1-Dichloroethene-d2	2.056	65	69551	43.639	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.280%
21) 2-Butanone-d5	3.783	46	218135	101.160	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.160%
24) Chloroform-d	4.246	84	296915	48.571	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.140%
26) 1,2-Dichloroethane-d4	4.937	65	183965	47.400	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.800%
32) Benzene-d6	4.957	84	582115	47.257	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.520%
36) 1,2-Dichloropropane-d6	5.985	67	188810	48.269	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.540%
41) Toluene-d8	7.239	98	519928	46.867	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.740%
43) trans-1,3-Dichloroprop...	7.551	79	82149	43.199	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.400%
47) 2-Hexanone-d5	8.021	63	125961	85.171	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	85.170%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	263776	48.969	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.940%
66) 1,2-Dichlorobenzene-d4	11.558	152	193678	46.041	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	123768	45.359	ug/L	99
3) Chloromethane	1.214	50	157614	44.932	ug/L	99
5) Vinyl chloride	1.285	62	167224	45.473	ug/L	98
6) Bromomethane	1.487	94	128643	46.668	ug/L	99
8) Chloroethane	1.545	64	119775	47.689	ug/L	97
9) Trichlorofluoromethane	1.712	101	232196	48.107	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	145925	49.395	ug/L	98
12) 1,1-Dichloroethene	2.069	96	131182	46.428	ug/L	90
13) Acetone	2.117	43	164401	83.044	ug/L	98
14) Carbon disulfide	2.240	76	331554	41.669	ug/L	100
15) Methyl Acetate	2.371	43	185711	59.528	ug/L	97
16) Methylene chloride	2.445	84	164524	53.739	ug/L	97
17) trans-1,2-Dichloroethene	2.693	96	135231	49.504	ug/L	97
18) Methyl tert-butyl Ether	2.703	73	510458	53.201	ug/L	99
19) 1,1-Dichloroethane	3.108	63	306513	54.716	ug/L	97
20) cis-1,2-Dichloroethene	3.812	96	159826	51.524	ug/L	98
22) 2-Butanone	3.867	43	233731	101.745	ug/L	98
23) Bromochloromethane	4.143	128	81987	52.827	ug/L	96
25) Chloroform	4.272	83	301963	54.521	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	237316	53.817	ug/L	100
29) Cyclohexane	4.577	56	226182	49.244	ug/L	99
30) 1,1,1-Trichloroethane	4.510	97	251876	52.692	ug/L	99
31) Carbon tetrachloride	4.732	117	213952	52.807	ug/L	99
33) Benzene	5.005	78	622660	52.070	ug/L	100
34) Trichloroethene	5.828	95	162363	50.311	ug/L	98
35) Methylcyclohexane	6.047	83	234679	48.151	ug/L	97
37) 1,2-Dichloropropane	6.088	63	180693	54.678	ug/L	100
38) Bromodichloromethane	6.429	83	230097	53.965	ug/L	98
39) cis-1,3-Dichloropropene	6.950	75	255884	49.153	ug/L	99
40) 4-Methyl-2-pentanone	7.153	43	471122	111.660	ug/L	99
42) Toluene	7.310	91	655455	52.355	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	241817	50.560	ug/L	98
45) 1,1,2-Trichloroethane	7.764	97	171343	55.010	ug/L	99
46) Tetrachloroethene	7.902	164	117386	52.064	ug/L	97
48) 2-Hexanone	8.072	43	376552	104.932	ug/L	98
49) Dibromochloromethane	8.172	129	168890	54.746	ug/L	99
50) 1,2-Dibromoethane	8.278	107	173363	51.697	ug/L	96
51) Chlorobenzene	8.812	112	424622	52.332	ug/L	99
52) Ethylbenzene	8.944	91	726035	52.327	ug/L	99
53) m,p-Xylene	9.069	106	261671	51.211	ug/L	97
54) o-Xylene	9.474	106	265282	52.472	ug/L	98
55) Styrene	9.493	104	461452	54.011	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	282324	55.943	ug/L	99
59) Bromoform	9.661	173	125198	58.310	ug/L	100
60) Isopropylbenzene	9.863	105	722207	53.469	ug/L	100
61) 1,2,3-Trichloropropane	10.204	75	222926	54.908	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	464957	53.004	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	577158	53.215	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	331353	52.495	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	341186	53.153	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	342233	54.426	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.361	75	59855	53.512	ug/L	93
69) 1,3,5-Trichlorobenzene	12.580	180	237256	52.154	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	208060	49.790	ug/L	99
71) Naphthalene	13.435	128	494200	42.627	ug/L	100
72) 1,2,3-Trichlorobenzene	13.677	180	212361	51.556	ug/L	99

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

