

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041524\
 Data File : VX041066.D
 Acq On : 15 Apr 2024 09:29
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050733

Quant Time: Apr 16 02:48:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 16 02:47:54 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	320297	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	309385	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	176368	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	93403	40.999	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.000%
7) Chloroethane-d5	1.666	69	79853	42.978	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.960%
11) 1,1-Dichloroethene-d2	2.306	65	39808	40.928	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.860%
21) 2-Butanone-d5	4.452	46	121113	97.595	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.600%
24) Chloroform-d	5.056	84	188326	44.304	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.952	65	120073	43.426	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.860%
32) Benzene-d6	5.970	84	350502	41.730	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.460%
36) 1,2-Dichloropropane-d6	7.305	67	103781	42.366	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.740%
41) Toluene-d8	8.647	98	339008	41.314	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.620%
43) trans-1,3-Dichloroprop...	8.945	79	53942	43.758	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.520%
47) 2-Hexanone-d5	9.384	63	92102	89.176	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.180%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	161800	44.589	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.180%
66) 1,2-Dichlorobenzene-d4	12.317	152	152750	43.175	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	102018	48.370	ug/L	100
3) Chloromethane	1.300	50	97459	48.678	ug/L	98
5) Vinyl chloride	1.374	62	116190	48.294	ug/L	98
6) Bromomethane	1.605	94	75801	52.111	ug/L	97
8) Chloroethane	1.691	64	74086	49.489	ug/L	96
9) Trichlorofluoromethane	1.886	101	188287	49.673	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	110328	50.930	ug/L	99
12) 1,1-Dichloroethene	2.318	96	93594	48.645	ug/L	93
13) Acetone	2.373	43	154817	115.101	ug/L	98
14) Carbon disulfide	2.514	76	229270	47.418	ug/L	99
15) Methyl Acetate	2.703	43	112885	48.344	ug/L	99
16) Methylene chloride	2.788	84	97393	48.566	ug/L	96
17) trans-1,2-Dichloroethene	3.093	96	95093	47.747	ug/L	99
18) Methyl tert-butyl Ether	3.111	73	309971	49.586	ug/L	100
19) 1,1-Dichloroethane	3.605	63	177586	50.203	ug/L	99
20) cis-1,2-Dichloroethene	4.483	96	112427	49.549	ug/L	99
22) 2-Butanone	4.550	43	184409	104.739	ug/L	99
23) Bromochloromethane	4.897	128	61547	49.895	ug/L	96
25) Chloroform	5.086	83	194120	50.074	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	155376	49.865	ug/L	99
29) Cyclohexane	5.470	56	154377	49.808	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	172497	49.752	ug/L	100
31) Carbon tetrachloride	5.672	117	156092	49.404	ug/L	99
33) Benzene	6.037	78	392732	48.926	ug/L	100
34) Trichloroethene	7.123	95	110089	47.809	ug/L	98
35) Methylcyclohexane	7.379	83	172343	52.774	ug/L	100
37) 1,2-Dichloropropane	7.427	63	102517	49.341	ug/L	99
38) Bromodichloromethane	7.818	83	144857	49.732	ug/L	97
39) cis-1,3-Dichloropropene	8.360	75	167160	49.243	ug/L	97
40) 4-Methyl-2-pentanone	8.567	43	312173	99.208	ug/L	100
42) Toluene	8.714	91	439552	49.447	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	157463	49.636	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	111540	49.422	ug/L	99
46) Tetrachloroethene	9.275	164	106297	49.014	ug/L	97
48) 2-Hexanone	9.427	43	262921	104.010	ug/L	99
49) Dibromochloromethane	9.518	129	126327	49.629	ug/L	99
50) 1,2-Dibromoethane	9.610	107	118928	48.848	ug/L	100
51) Chlorobenzene	10.079	112	303493	48.717	ug/L	98
52) Ethylbenzene	10.195	91	498462	49.421	ug/L	100
53) m,p-Xylene	10.299	106	197283	49.056	ug/L	99
54) o-Xylene	10.640	106	191728	49.437	ug/L	100
55) Styrene	10.652	104	334089	50.106	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.207	83	172681	49.385	ug/L	99
59) Bromoform	10.799	173	109968	50.805	ug/L	99
60) Isopropylbenzene	10.957	105	523347	50.757	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	134678	50.009	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	428126	51.505	ug/L	100
63) 1,2,4-Trimethylbenzene	11.750	105	426371	50.959	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	264441	48.877	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	271224	48.834	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	259300	49.406	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	38037	49.387	ug/L	99
69) 1,3,5-Trichlorobenzene	13.109	180	214017	51.653	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	194816	49.617	ug/L	99
71) Naphthalene	13.774	128	540545	50.237	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	196958	51.147	ug/L	99

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

