

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041524\
 Data File : VX041089.D
 Acq On : 15 Apr 2024 19:20
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050734

Quant Time: Apr 16 02:53:29 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	6.763	114	316545	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	299605	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	174293	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	79254	35.201	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.400%
7) Chloroethane-d5	1.666	69	70240	38.252	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	76.500%
11) 1,1-Dichloroethene-d2	2.306	65	33925	35.293	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.580%
21) 2-Butanone-d5	4.452	46	115562	94.226	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.230%
24) Chloroform-d	5.062	84	174871	41.626	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.260%
26) 1,2-Dichloroethane-d4	5.958	65	110947	40.601	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.200%
32) Benzene-d6	5.977	84	330312	40.610	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.220%
36) 1,2-Dichloropropane-d6	7.306	67	99370	41.889	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.780%
41) Toluene-d8	8.647	98	312782	39.362	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.720%#
43) trans-1,3-Dichloroprop...	8.952	79	46411	38.877	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.760%
47) 2-Hexanone-d5	9.384	63	88404	88.390	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.390%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	159116	45.281	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	90.560%
66) 1,2-Dichlorobenzene-d4	12.317	152	146913	42.020	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.040%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	100831	48.374	ug/L	98
3) Chloromethane	1.301	50	98946	50.006	ug/L	98
5) Vinyl chloride	1.374	62	111790	47.016	ug/L	98
6) Bromomethane	1.605	94	71949	50.049	ug/L	96
8) Chloroethane	1.691	64	71619	48.408	ug/L	98
9) Trichlorofluoromethane	1.892	101	171731	45.842	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	102558	47.904	ug/L	99
12) 1,1-Dichloroethene	2.319	96	90100	47.384	ug/L	95
13) Acetone	2.380	43	91975	69.191	ug/L	97
14) Carbon disulfide	2.514	76	199843	41.822	ug/L	100
15) Methyl Acetate	2.703	43	112386	48.701	ug/L	100
16) Methylene chloride	2.788	84	98839	49.871	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	92211	46.849	ug/L	99
18) Methyl tert-butyl Ether	3.117	73	303164	49.072	ug/L	99
19) 1,1-Dichloroethane	3.611	63	172419	49.320	ug/L	100
20) cis-1,2-Dichloroethene	4.489	96	109024	48.618	ug/L	98
22) 2-Butanone	4.556	43	152105	87.416	ug/L	98
23) Bromochloromethane	4.904	128	60502	49.629	ug/L	99
25) Chloroform	5.093	83	188025	49.076	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	147628	47.940	ug/L	99
29) Cyclohexane	5.471	56	147138	49.022	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	161462	48.090	ug/L	100
31) Carbon tetrachloride	5.678	117	145023	47.399	ug/L	99
33) Benzene	6.038	78	383868	49.383	ug/L	100
34) Trichloroethene	7.123	95	104474	46.852	ug/L	98
35) Methylcyclohexane	7.379	83	154339	48.804	ug/L	97
37) 1,2-Dichloropropane	7.428	63	100032	49.716	ug/L	100
38) Bromodichloromethane	7.824	83	133878	47.463	ug/L	99
39) cis-1,3-Dichloropropene	8.366	75	154083	46.872	ug/L	98
40) 4-Methyl-2-pentanone	8.574	43	303871	99.722	ug/L	99
42) Toluene	8.720	91	424388	49.299	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	142519	46.391	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	109097	49.918	ug/L	98
46) Tetrachloroethene	9.275	164	100117	47.671	ug/L	99
48) 2-Hexanone	9.427	43	243726	99.564	ug/L	99
49) Dibromochloromethane	9.519	129	118751	48.176	ug/L	100
50) 1,2-Dibromoethane	9.610	107	116814	49.546	ug/L	98
51) Chlorobenzene	10.079	112	296423	49.135	ug/L	98
52) Ethylbenzene	10.195	91	483214	49.473	ug/L	99
53) m,p-Xylene	10.299	106	193044	49.569	ug/L	97
54) o-Xylene	10.640	106	187599	49.951	ug/L	98
55) Styrene	10.653	104	326148	50.512	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	171416	50.624	ug/L	98
59) Bromoform	10.799	173	98894	46.233	ug/L	100
60) Isopropylbenzene	10.963	105	508352	49.890	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	133626	50.209	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	413968	50.395	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	417217	50.458	ug/L	99
64) 1,3-Dichlorobenzene	11.969	146	256918	48.052	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	260290	47.423	ug/L	97
67) 1,2-Dichlorobenzene	12.335	146	256482	49.451	ug/L	96
68) 1,2-Dibromo-3-chloropr...	12.939	75	35522	46.671	ug/L	97
69) 1,3,5-Trichlorobenzene	13.109	180	204128	49.853	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	187632	48.356	ug/L	99
71) Naphthalene	13.774	128	543527	51.116	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	192057	50.468	ug/L	100

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

