

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040687.D
 Acq On : 16 Mar 2024 04:36
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050724

Quant Time: Mar 16 05:58:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 05:02:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	141496	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	123815	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	62847	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	48447	39.060	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.120%
7) Chloroethane-d5	1.666	69	35782	36.135	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	72.260%
11) 1,1-Dichloroethene-d2	2.306	65	21669	37.951	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.900%
21) 2-Butanone-d5	4.452	46	96799	101.701	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.700%
24) Chloroform-d	5.056	84	110843	48.121	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.240%
26) 1,2-Dichloroethane-d4	5.952	65	80258	46.669	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.340%
32) Benzene-d6	5.976	84	181414	47.758	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.520%
36) 1,2-Dichloropropane-d6	7.305	67	52102	44.256	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.520%
41) Toluene-d8	8.647	98	147665	40.338	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.680%
43) trans-1,3-Dichloroprop...	8.952	79	26456	42.222	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.440%
47) 2-Hexanone-d5	9.384	63	63448	97.673	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.670%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	86152	48.876	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.760%
66) 1,2-Dichlorobenzene-d4	12.317	152	60129	45.680	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.360%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	66059	52.306	ug/L	99
3) Chloromethane	1.294	50	60189	54.824	ug/L	98
5) Vinyl chloride	1.374	62	65802	55.401	ug/L	100
6) Bromomethane	1.605	94	34799	55.186	ug/L	93
8) Chloroethane	1.685	64	33137	48.656	ug/L	93
9) Trichlorofluoromethane	1.886	101	88921	53.804	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	49066	50.053	ug/L	98
12) 1,1-Dichloroethene	2.319	96	46158	53.518	ug/L	95
13) Acetone	2.380	43	56151	82.613	ug/L	100
14) Carbon disulfide	2.514	76	128881	51.642	ug/L	98
15) Methyl Acetate	2.703	43	61380	53.493	ug/L	100
16) Methylene chloride	2.788	84	51254	53.962	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	47761	53.941	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	174088	56.851	ug/L	99
19) 1,1-Dichloroethane	3.611	63	96182	55.906	ug/L	97
20) cis-1,2-Dichloroethene	4.489	96	55445	55.844	ug/L	95
22) 2-Butanone	4.556	43	87638	97.375	ug/L	100
23) Bromochloromethane	4.897	128	27279	53.870	ug/L	98
25) Chloroform	5.092	83	108448	55.860	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	97837	57.344	ug/L	99
29) Cyclohexane	5.470	56	78263	57.524	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	93958	60.929	ug/L	98
31) Carbon tetrachloride	5.678	117	80212	61.978	ug/L	100
33) Benzene	6.037	78	202201	60.793	ug/L	100
34) Trichloroethene	7.123	95	52031	52.990	ug/L	96
35) Methylcyclohexane	7.379	83	69960	48.756	ug/L	99
37) 1,2-Dichloropropane	7.427	63	49609	56.338	ug/L	100
38) Bromodichloromethane	7.824	83	70259	53.947	ug/L	98
39) cis-1,3-Dichloropropene	8.366	75	75494	50.923	ug/L	97
40) 4-Methyl-2-pentanone	8.574	43	160037	106.016	ug/L	100
42) Toluene	8.720	91	199715	54.733	ug/L	97
44) trans-1,3-Dichloropropene	8.976	75	74586	51.653	ug/L	98
45) 1,1,2-Trichloroethane	9.153	97	50000	55.007	ug/L	99
46) Tetrachloroethene	9.275	164	36631	51.959	ug/L	97
48) 2-Hexanone	9.427	43	126700	101.289	ug/L	98
49) Dibromochloromethane	9.518	129	53366	56.188	ug/L	96
50) 1,2-Dibromoethane	9.610	107	52990	54.209	ug/L #	94
51) Chlorobenzene	10.079	112	127726	54.029	ug/L	99
52) Ethylbenzene	10.195	91	230519	53.759	ug/L	99
53) m,p-Xylene	10.299	106	81722	52.424	ug/L	98
54) o-Xylene	10.640	106	80543	53.825	ug/L	100
55) Styrene	10.652	104	142433	54.623	ug/L	100
57) 1,1,2,2-Tetrachloroethane	11.213	83	81916	54.675	ug/L	98
59) Bromoform	10.799	173	39301	53.916	ug/L	99
60) Isopropylbenzene	10.963	105	231496	54.865	ug/L	100
61) 1,2,3-Trichloropropane	11.238	75	66359	52.986	ug/L	100
62) 1,3,5-Trimethylbenzene	11.451	105	192332	54.979	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	191933	54.868	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	100996	54.674	ug/L	98
65) 1,4-Dichlorobenzene	12.042	146	101243	53.894	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	98081	55.837	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.939	75	23852	65.059	ug/L	96
69) 1,3,5-Trichlorobenzene	13.109	180	77561	62.550	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	72264	62.843	ug/L	100
71) Naphthalene	13.774	128	238065	65.135	ug/L	99
72) 1,2,3-Trichlorobenzene	13.963	180	73208	64.629	ug/L	97

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

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