

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031524\
 Data File : VX040664.D
 Acq On : 15 Mar 2024 19:27
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050723

Quant Time: Mar 16 02:56:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 16 01:57:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	159972	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	150142	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	69230	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	56539	40.319	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	80.640%
7) Chloroethane-d5	1.666	69	48871	43.653	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.300%
11) 1,1-Dichloroethene-d2	2.307	65	24720	38.294	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.580%
21) 2-Butanone-d5	4.453	46	99947	92.881	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.880%
24) Chloroform-d	5.056	84	119761	45.988	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.980%
26) 1,2-Dichloroethane-d4	5.952	65	86744	44.615	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.240%
32) Benzene-d6	5.977	84	196791	42.722	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.440%
36) 1,2-Dichloropropane-d6	7.306	67	64936	45.486	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.980%
41) Toluene-d8	8.647	98	178952	40.312	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.620%
43) trans-1,3-Dichloroprop...	8.946	79	33356	43.900	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.800%
47) 2-Hexanone-d5	9.385	63	73668	93.520	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.520%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	102740	48.066	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.140%
66) 1,2-Dichlorobenzene-d4	12.317	152	66704	46.003	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	65888	46.145	ug/L	98
3) Chloromethane	1.295	50	62913	50.686	ug/L	100
5) Vinyl chloride	1.374	62	68793	51.230	ug/L	97
6) Bromomethane	1.605	94	45390	63.669	ug/L	99
8) Chloroethane	1.685	64	42139	54.728	ug/L	94
9) Trichlorofluoromethane	1.886	101	90792	48.591	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	48639	43.887	ug/L	99
12) 1,1-Dichloroethene	2.319	96	46991	48.191	ug/L	99
13) Acetone	2.380	43	59856	77.893	ug/L	97
14) Carbon disulfide	2.514	76	135312	47.957	ug/L	99
15) Methyl Acetate	2.703	43	64749	49.912	ug/L	99
16) Methylene chloride	2.788	84	53584	49.900	ug/L	98
17) trans-1,2-Dichloroethene	3.093	96	49568	49.516	ug/L	100
18) Methyl tert-butyl Ether	3.111	73	180539	52.149	ug/L	99
19) 1,1-Dichloroethane	3.611	63	101441	52.153	ug/L	98
20) cis-1,2-Dichloroethene	4.489	96	56974	50.757	ug/L	94
22) 2-Butanone	4.556	43	93475	91.865	ug/L	98
23) Bromochloromethane	4.898	128	29228	51.053	ug/L	96
25) Chloroform	5.093	83	110534	50.358	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.086	62	100768	52.241	ug/L	100
29) Cyclohexane	5.471	56	74751	45.309	ug/L	99
30) 1,1,1-Trichloroethane	5.385	97	96371	51.536	ug/L	99
31) Carbon tetrachloride	5.678	117	79346	50.558	ug/L	100
33) Benzene	6.038	78	206377	51.168	ug/L	100
34) Trichloroethene	7.123	95	58734	49.328	ug/L	95
35) Methylcyclohexane	7.379	83	73427	42.199	ug/L	97
37) 1,2-Dichloropropane	7.428	63	56836	53.227	ug/L	100
38) Bromodichloromethane	7.818	83	83720	53.011	ug/L	97
39) cis-1,3-Dichloropropene	8.366	75	89126	49.577	ug/L	99
40) 4-Methyl-2-pentanone	8.574	43	191004	104.343	ug/L	99
42) Toluene	8.720	91	222635	50.315	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	87519	49.982	ug/L	99
45) 1,1,2-Trichloroethane	9.153	97	57109	51.811	ug/L	98
46) Tetrachloroethene	9.275	164	39206	45.860	ug/L	96
48) 2-Hexanone	9.427	43	147157	97.015	ug/L	99
49) Dibromochloromethane	9.519	129	60428	52.467	ug/L	100
50) 1,2-Dibromoethane	9.610	107	62097	52.386	ug/L	93
51) Chlorobenzene	10.080	112	143185	49.947	ug/L	99
52) Ethylbenzene	10.195	91	254377	48.921	ug/L	98
53) m,p-Xylene	10.299	106	91907	48.619	ug/L	93
54) o-Xylene	10.640	106	90391	49.814	ug/L	96
55) Styrene	10.653	104	162706	51.457	ug/L	98
57) 1,1,2,2-Tetrachloroethane	11.214	83	94890	52.229	ug/L	98
59) Bromoform	10.799	173	45447	56.599	ug/L	100
60) Isopropylbenzene	10.964	105	247705	53.294	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	77498	56.175	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	186854	48.488	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	188945	49.033	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	101015	49.642	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	103923	50.220	ug/L	100
67) 1,2-Dichlorobenzene	12.335	146	102654	53.052	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.939	75	21782	53.935	ug/L	94
69) 1,3,5-Trichlorobenzene	13.110	180	68146	49.890	ug/L	98
70) 1,2,4-trichlorobenzene	13.585	180	64301	50.763	ug/L	96
71) Naphthalene	13.774	128	232273	57.691	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	73432	58.850	ug/L	99

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

