

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030824\
 Data File : VX040613.D
 Acq On : 07 Mar 2024 09:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050720

Quant Time: Mar 08 01:22:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML030724WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 07 01:31:15 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.756	114	150639	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	148878	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	81862	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	68629	51.973	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	103.940%
7) Chloroethane-d5	1.666	69	48113	45.639	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.280%
11) 1,1-Dichloroethene-d2	2.300	65	31170	51.278	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	102.560%
21) 2-Butanone-d5	4.446	46	108510	107.086	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.090%
24) Chloroform-d	5.049	84	124764	50.878	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.760%
26) 1,2-Dichloroethane-d4	5.952	65	83294	45.495	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.000%
32) Benzene-d6	5.964	84	213339	46.708	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.420%
36) 1,2-Dichloropropane-d6	7.305	67	69257	48.924	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.840%
41) Toluene-d8	8.646	98	197024	44.760	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.520%
43) trans-1,3-Dichloroprop...	8.945	79	36057	47.857	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.720%
47) 2-Hexanone-d5	9.378	63	70073	89.712	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.710%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	111215	52.473	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	104.940%
66) 1,2-Dichlorobenzene-d4	12.316	152	74760	43.603	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	80752	60.060	ug/L	97
3) Chloromethane	1.294	50	65503	56.043	ug/L	99
5) Vinyl chloride	1.373	62	73090	57.802	ug/L	98
6) Bromomethane	1.605	94	40813	60.795	ug/L	92
8) Chloroethane	1.684	64	36581	50.453	ug/L	90
9) Trichlorofluoromethane	1.885	101	99926	56.793	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.324	101	60710	58.172	ug/L	98
12) 1,1-Dichloroethene	2.318	96	51317	55.888	ug/L	97
13) Acetone	2.373	43	83020	114.731	ug/L	98
14) Carbon disulfide	2.507	76	154271	58.064	ug/L	100
15) Methyl Acetate	2.702	43	66552	54.480	ug/L	99
16) Methylene chloride	2.788	84	55410	54.797	ug/L	98
17) trans-1,2-Dichloroethene	3.086	96	53044	56.271	ug/L	98
18) Methyl tert-butyl Ether	3.111	73	186658	57.257	ug/L	99
19) 1,1-Dichloroethane	3.605	63	105210	57.442	ug/L	99
20) cis-1,2-Dichloroethene	4.482	96	60363	57.107	ug/L	97
22) 2-Butanone	4.550	43	104029	108.571	ug/L	100
23) Bromochloromethane	4.891	128	28015	51.966	ug/L	94
25) Chloroform	5.086	83	106165	51.365	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	92353	50.844	ug/L	98
29) Cyclohexane	5.464	56	85412	52.211	ug/L	100
30) 1,1,1-Trichloroethane	5.379	97	87777	47.339	ug/L	98
31) Carbon tetrachloride	5.671	117	76119	48.914	ug/L	96
33) Benzene	6.031	78	197560	49.398	ug/L	100
34) Trichloroethene	7.116	95	59734	50.594	ug/L	99
35) Methylcyclohexane	7.378	83	90811	52.633	ug/L	98
37) 1,2-Dichloropropane	7.427	63	54844	51.798	ug/L	100
38) Bromodichloromethane	7.817	83	77337	49.385	ug/L	93
39) cis-1,3-Dichloropropene	8.360	75	91034	51.068	ug/L	97
40) 4-Methyl-2-pentanone	8.567	43	171051	94.236	ug/L	99
42) Toluene	8.713	91	215049	49.014	ug/L	98
44) trans-1,3-Dichloropropene	8.976	75	87815	50.576	ug/L	99
45) 1,1,2-Trichloroethane	9.146	97	52021	47.596	ug/L	97
46) Tetrachloroethene	9.274	164	41996	49.541	ug/L	97
48) 2-Hexanone	9.427	43	146230	97.222	ug/L	98
49) Dibromochloromethane	9.518	129	57971	50.761	ug/L	95
50) 1,2-Dibromoethane	9.610	107	57163	48.633	ug/L	99
51) Chlorobenzene	10.079	112	144215	50.734	ug/L	97
52) Ethylbenzene	10.195	91	277947	53.908	ug/L	100
53) m,p-Xylene	10.299	106	103658	55.301	ug/L	95
54) o-Xylene	10.640	106	100429	55.816	ug/L	98
55) Styrene	10.652	104	172820	55.119	ug/L	97
57) 1,1,2,2-Tetrachloroethane	11.213	83	95911	53.239	ug/L	99
59) Bromoform	10.798	173	48179	50.742	ug/L	100
60) Isopropylbenzene	10.963	105	283556	51.593	ug/L	100
61) 1,2,3-Trichloropropane	11.237	75	79072	48.472	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	238340	52.305	ug/L	100
63) 1,2,4-Trimethylbenzene	11.749	105	236212	51.841	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	122737	51.009	ug/L	99
65) 1,4-Dichlorobenzene	12.042	146	126402	51.657	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	107544	47.003	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.938	75	21564	45.156	ug/L	94
69) 1,3,5-Trichlorobenzene	13.109	180	78529	48.620	ug/L	99
70) 1,2,4-trichlorobenzene	13.585	180	73648	49.170	ug/L	98
71) Naphthalene	13.774	128	227190	47.721	ug/L	100
72) 1,2,3-Trichlorobenzene	13.963	180	71511	48.467	ug/L	100

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

