

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060923\
 Data File : VX036095.D
 Acq On : 09 Jun 2023 08:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTD050692

Quant Time: Jun 10 00:04:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:37:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	320935	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.049	117	299611	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.018	152	151747	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	95642	43.863	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.720%
7) Chloroethane-d5	1.673	69	80266	47.998	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.000%
11) 1,1-Dichloroethene-d2	2.307	65	51054	46.180	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.360%
21) 2-Butanone-d5	4.465	46	175337	98.103	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.100%
24) Chloroform-d	5.050	84	223350	49.122	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.240%
26) 1,2-Dichloroethane-d4	5.952	65	169791	51.176	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.360%
32) Benzene-d6	5.971	84	424104	47.055	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.100%
36) 1,2-Dichloropropane-d6	7.306	67	136002	48.547	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.100%
41) Toluene-d8	8.647	98	390119	47.028	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.060%
43) trans-1,3-Dichloroprop...	8.946	79	65927	49.025	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.060%
47) 2-Hexanone-d5	9.385	63	123864	99.294	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.290%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	187210	48.924	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.840%
66) 1,2-Dichlorobenzene-d4	12.317	152	140242	47.601	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	136801	44.758	ug/L	99
3) Chloromethane	1.295	50	125050	43.423	ug/L	98
5) Vinyl chloride	1.374	62	120273	45.058	ug/L	100
6) Bromomethane	1.618	94	72361	46.531	ug/L	99
8) Chloroethane	1.691	64	75621	47.760	ug/L	96
9) Trichlorofluoromethane	1.886	101	177740	47.339	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.331	101	114076	46.551	ug/L	99
12) 1,1-Dichloroethene	2.319	96	98315	46.100	ug/L	97
13) Acetone	2.404	43	156636	82.948	ug/L	99
14) Carbon disulfide	2.514	76	263459	45.016	ug/L	100
15) Methyl Acetate	2.709	43	133511	45.697	ug/L	99
16) Methylene chloride	2.788	84	114614	46.803	ug/L	99
17) trans-1,2-Dichloroethene	3.087	96	104727	45.835	ug/L	96
18) Methyl tert-butyl Ether	3.111	73	394024	48.468	ug/L	99
19) 1,1-Dichloroethane	3.605	63	216804	47.594	ug/L	98
20) cis-1,2-Dichloroethene	4.483	96	122944	46.896	ug/L	97
22) 2-Butanone	4.568	43	194776	86.359	ug/L	99
23) Bromochloromethane	4.891	128	60744	46.683	ug/L	98
25) Chloroform	5.087	83	249162	50.282	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	6.080	62	210921	49.887	ug/L	99
29) Cyclohexane	5.465	56	185845	44.659	ug/L	99
30) 1,1,1-Trichloroethane	5.379	97	195837	47.166	ug/L	99
31) Carbon tetrachloride	5.672	117	160587	46.573	ug/L	100
33) Benzene	6.031	78	468379	46.923	ug/L	100
34) Trichloroethene	7.123	95	124151	46.180	ug/L	98
35) Methylcyclohexane	7.379	83	177006	44.851	ug/L	98
37) 1,2-Dichloropropane	7.428	63	125579	47.935	ug/L	100
38) Bromodichloromethane	7.818	83	165660	49.049	ug/L	96
39) cis-1,3-Dichloropropene	8.360	75	205404	50.182	ug/L	98
40) 4-Methyl-2-pentanone	8.568	43	372866	94.503	ug/L	99
42) Toluene	8.714	91	494355	47.618	ug/L	100
44) trans-1,3-Dichloropropene	8.976	75	190943	49.818	ug/L	99
45) 1,1,2-Trichloroethane	9.147	97	122160	47.645	ug/L	99
46) Tetrachloroethene	9.269	164	87608	46.600	ug/L	99
48) 2-Hexanone	9.427	43	287924	92.482	ug/L	99
49) Dibromochloromethane	9.519	129	119214	49.005	ug/L	100
50) 1,2-Dibromoethane	9.604	107	127837	47.186	ug/L #	97
51) Chlorobenzene	10.080	112	315321	46.165	ug/L	98
52) Ethylbenzene	10.189	91	568562	47.551	ug/L	99
53) m,p-Xylene	10.299	106	213413	47.064	ug/L	100
54) o-Xylene	10.640	106	206271	46.539	ug/L	100
55) Styrene	10.653	104	360594	47.871	ug/L	99
57) 1,1,2,2-Tetrachloroethane	11.207	83	187133	46.435	ug/L	99
59) Bromoform	10.799	173	76716	48.354	ug/L	99
60) Isopropylbenzene	10.964	105	560715	48.268	ug/L	99
61) 1,2,3-Trichloropropane	11.238	75	152932	47.126	ug/L	99
62) 1,3,5-Trimethylbenzene	11.451	105	467665	48.402	ug/L	99
63) 1,2,4-Trimethylbenzene	11.750	105	435681	48.728	ug/L	100
64) 1,3-Dichlorobenzene	11.969	146	237263	47.165	ug/L	99
65) 1,4-Dichlorobenzene	12.043	146	240070	46.655	ug/L	99
67) 1,2-Dichlorobenzene	12.335	146	232681	47.348	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.939	75	39265	47.910	ug/L	91
69) 1,3,5-Trichlorobenzene	13.109	180	148235	48.143	ug/L	100
70) 1,2,4-trichlorobenzene	13.585	180	131242	46.662	ug/L	98
71) Naphthalene	13.774	128	439797	47.543	ug/L	100
72) 1,2,3-Trichlorobenzene	13.957	180	133252	47.645	ug/L	100

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

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