

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042723\
 Data File : VW030909.D
 Acq On : 27 Apr 2023 18:25
 Operator : SY/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD050345

Quant Time: Apr 28 00:53:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 27 04:45:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	258803	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	249216	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	153509	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	86925	45.817	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.640%
7) Chloroethane-d5	1.535	69	68129	42.852	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	85.700%
11) 1,1-Dichloroethene-d2	2.063	65	42942	47.728	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.460%
21) 2-Butanone-d5	3.796	46	113702	109.112	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	109.110%
24) Chloroform-d	4.259	84	170706	49.649	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.300%
26) 1,2-Dichloroethane-d4	4.950	65	117756	53.271	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	106.540%
32) Benzene-d6	4.969	84	306357	51.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.980%
36) 1,2-Dichloropropane-d6	5.998	67	87522	47.819	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.640%
41) Toluene-d8	7.249	98	299262	54.095	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.180%
43) trans-1,3-Dichloroprop...	7.558	79	48162	52.209	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.420%
47) 2-Hexanone-d5	8.034	63	75995	105.401	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.400%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	136279	51.314	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	102.620%
66) 1,2-Dichlorobenzene-d4	11.567	152	130686	53.561	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.120%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	97916	44.005	ug/L	100
3) Chloromethane	1.217	50	103143	35.337	ug/L	100
5) Vinyl chloride	1.285	62	92801	39.435	ug/L	100
6) Bromomethane	1.487	94	42579	45.631	ug/L	100
8) Chloroethane	1.552	64	56752	35.161	ug/L	98
9) Trichlorofluoromethane	1.719	101	168278	44.122	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	85793	42.803	ug/L	100
12) 1,1-Dichloroethene	2.076	96	76857	42.411	ug/L	96
13) Acetone	2.117	43	103767	64.352	ug/L	100
14) Carbon disulfide	2.246	76	166446	32.518	ug/L	100
15) Methyl Acetate	2.378	43	95185	44.234	ug/L	100
16) Methylene chloride	2.455	84	81588	39.343	ug/L	99
17) trans-1,2-Dichloroethene	2.699	96	73110	39.963	ug/L	99
18) Methyl tert-butyl Ether	2.712	73	282450	48.202	ug/L	98
19) 1,1-Dichloroethane	3.121	63	153596	41.179	ug/L	99
20) cis-1,2-Dichloroethene	3.825	96	87393	43.915	ug/L	96
22) 2-Butanone	3.876	43	131326	78.809	ug/L	98
23) Bromochloromethane	4.156	128	48555	43.685	ug/L	92
25) Chloroform	4.288	83	169369	43.871	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.050	62	152294	46.602	ug/L	99
29) Cyclohexane	4.593	56	115024	38.460	ug/L	97
30) 1,1,1-Trichloroethane	4.522	97	160245	45.760	ug/L	99
31) Carbon tetrachloride	4.748	117	141102	45.067	ug/L	99
33) Benzene	5.018	78	326891	43.194	ug/L	100
34) Trichloroethene	5.841	95	84954	43.157	ug/L	97
35) Methylcyclohexane	6.059	83	122447	39.698	ug/L	96
37) 1,2-Dichloropropane	6.101	63	84539	41.503	ug/L	98
38) Bromodichloromethane	6.439	83	128000	44.733	ug/L	100
39) cis-1,3-Dichloropropene	6.960	75	130451	42.670	ug/L	99
40) 4-Methyl-2-pentanone	7.165	43	270846	95.188	ug/L	99
42) Toluene	7.323	91	361042	44.540	ug/L	98
44) trans-1,3-Dichloropropene	7.587	75	139214	46.349	ug/L	98
45) 1,1,2-Trichloroethane	7.776	97	91475	44.785	ug/L	97
46) Tetrachloroethene	7.911	164	75943	44.075	ug/L	96
48) 2-Hexanone	8.082	43	211763	90.197	ug/L	99
49) Dibromochloromethane	8.185	129	101904	45.231	ug/L	94
50) 1,2-Dibromoethane	8.291	107	93885	44.362	ug/L #	99
51) Chlorobenzene	8.821	112	242825	45.232	ug/L	99
52) Ethylbenzene	8.953	91	408461	45.517	ug/L	100
53) m,p-Xylene	9.082	106	157717	46.529	ug/L	96
54) o-Xylene	9.487	106	155320	46.839	ug/L	99
55) Styrene	9.503	104	279985	48.067	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	148522	44.289	ug/L	99
59) Bromoform	9.673	173	83876	43.641	ug/L	99
60) Isopropylbenzene	9.876	105	429129	44.824	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	118645	43.153	ug/L	99
62) 1,3,5-Trimethylbenzene	10.484	105	354806	45.012	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	352949	44.846	ug/L	99
64) 1,3-Dichlorobenzene	11.123	146	224031	46.740	ug/L	99
65) 1,4-Dichlorobenzene	11.217	146	231095	45.722	ug/L	99
67) 1,2-Dichlorobenzene	11.586	146	221824	45.875	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.371	75	35482	43.559	ug/L	94
69) 1,3,5-Trichlorobenzene	12.590	180	172110	47.534	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	153398	49.898	ug/L	99
71) Naphthalene	13.448	128	454354	54.028	ug/L	99
72) 1,2,3-Trichlorobenzene	13.689	180	156941	51.483	ug/L	99

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

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