

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050523\
 Data File : VW030999.D
 Acq On : 05 May 2023 17:32
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005343

Quant Time: May 06 02:14:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR042823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat May 06 01:44:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	135849	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	130960	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	68756	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	41194	3.680	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.600%
7) Chloroethane-d5	1.536	69	35342	3.871	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.063	65	21407	3.614	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.200%
20) 2-Butanone-d5	3.828	46	72320	36.437	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	72.880%
24) Chloroform-d	4.259	84	98319	4.420	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	4.954	65	49819	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	4.970	84	160255	4.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.400%
36) 1,2-Dichloropropane-d6	5.995	67	47346	4.242	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.800%
41) Toluene-d8	7.249	98	147633	4.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.800%
43) trans-1,3-Dichloroprop...	7.564	79	18584	4.441	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.034	63	60098	40.995	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.000%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	37500	4.635	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.600%
66) 1,2-Dichlorobenzene-d4	11.567	152	54751	4.272	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	47451	4.421	ug/L	99
3) Chloromethane	1.217	50	52333	4.155	ug/L	99
5) Vinyl chloride	1.285	62	48010	4.555	ug/L	99
6) Bromomethane	1.491	94	21757	4.333	ug/L	98
8) Chloroethane	1.555	64	28963	4.514	ug/L	100
9) Trichlorofluoromethane	1.719	101	93829	4.825	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	48357	4.871	ug/L	98
12) 1,1-Dichloroethene	2.073	96	41164	4.502	ug/L	97
13) Acetone	2.156	43	52907	31.207	ug/L	82
14) Carbon disulfide	2.246	76	93048	3.890	ug/L	98
15) Methyl Acetate	2.394	43	12719	3.687	ug/L	97
16) Methylene chloride	2.455	84	52159	5.043	ug/L	98
17) Methyl tert-butyl Ether	2.716	73	85102	4.890	ug/L	97
18) trans-1,2-Dichloroethene	2.700	96	37938	4.543	ug/L	95
19) 1,1-Dichloroethane	3.121	63	77287	4.793	ug/L	99
21) 2-Butanone	3.912	43	59649	31.991	ug/L	89
22) cis-1,2-Dichloroethene	3.828	96	41204	4.676	ug/L	99
23) Bromochloromethane	4.159	128	21019	5.067	ug/L	92
25) Chloroform	4.288	83	85422	4.937	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	55964	5.154	ug/L	98
29) 1,1,1-Trichloroethane	4.523	97	81970	4.981	ug/L	100
30) Cyclohexane	4.593	56	53582	4.311	ug/L	99
31) Carbon tetrachloride	4.745	117	73545	4.976	ug/L	99
33) Benzene	5.021	78	159542	4.843	ug/L	100
34) Trichloroethene	5.841	95	43454	4.949	ug/L	98
35) Methylcyclohexane	6.060	83	61195	4.497	ug/L	94
37) 1,2-Dichloropropane	6.101	63	37513	4.801	ug/L	98
38) Bromodichloromethane	6.442	83	57083	4.991	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	55194	4.716	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	193882	47.891	ug/L	99
42) Toluene	7.323	91	177321	5.000	ug/L	98
44) trans-1,3-Dichloropropene	7.590	75	49445	4.959	ug/L	92
45) 1,1,2-Trichloroethane	7.777	97	30346	5.234	ug/L	98
47) Tetrachloroethene	7.915	164	39807	4.752	ug/L	97
48) 2-Hexanone	8.088	43	144586	46.564	ug/L	98
49) Dibromochloromethane	8.185	129	38987	5.345	ug/L	95
50) 1,2-Dibromoethane	8.291	107	26494	5.124	ug/L #	95
51) Chlorobenzene	8.822	112	113283	4.711	ug/L	98
52) Ethylbenzene	8.953	91	181180	4.686	ug/L	97
53) m,p-Xylene	9.079	106	69987	4.536	ug/L	97
54) o-Xylene	9.484	106	68182	4.643	ug/L	99
55) Styrene	9.503	104	112699	4.548	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.185	83	32324	4.988	ug/L	97
59) Bromoform	9.674	173	22939	5.668	ug/L	99
60) Isopropylbenzene	9.873	105	185788	5.012	ug/L	99
61) 1,2,3-Trichloropropane	10.217	75	22496	5.208	ug/L	98
62) 1,3,5-Trimethylbenzene	10.484	105	135456	4.489	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	134131	4.387	ug/L	100
64) 1,3-Dichlorobenzene	11.124	146	92651	4.867	ug/L	98
65) 1,4-Dichlorobenzene	11.217	146	88750	4.621	ug/L	95
67) 1,2-Dichlorobenzene	11.587	146	79620	4.651	ug/L	94
68) 1,2-Dibromo-3-chloropr...	12.371	75	4673	4.263	ug/L	88
69) 1,3,5-Trichlorobenzene	12.590	180	57687	3.827	ug/L	97
70) 1,2,4-trichlorobenzene	13.204	180	38852	3.354	ug/L	99
71) Naphthalene	13.448	128	34545	2.080	ug/L	99
72) 1,2,3-Trichlorobenzene	13.690	180	30497	3.110	ug/L	98

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

