

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041423\
 Data File : VW030576.D
 Acq On : 14 Apr 2023 16:28
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005335

Quant Time: Apr 15 02:02:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 15 01:54:33 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	122359	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	118222	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	69317	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	44755	5.523	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.400%
7) Chloroethane-d5	1.536	69	33478	4.257	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.200%
11) 1,1-Dichloroethene-d2	2.063	63	93814	4.879	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.600%
20) 2-Butanone-d5	3.825	46	88573	42.286	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.580%
24) Chloroform-d	4.262	84	83767	4.271	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.400%
26) 1,2-Dichloroethane-d4	4.953	65	43052	4.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	4.970	84	144065	4.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.400%
36) 1,2-Dichloropropane-d6	5.998	67	43800	4.200	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.000%
41) Toluene-d8	7.252	98	139090	4.546	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	7.564	79	17154	4.368	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.400%
46) 2-Hexanone-d5	8.037	63	68096	43.155	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.300%
56) 1,1,2,2-Tetrachloroeth...	10.162	84	35146	4.276	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.600%
66) 1,2-Dichlorobenzene-d4	11.571	152	51031	4.119	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	61189	3.934	ug/L	99
3) Chloromethane	1.214	50	81935	4.174	ug/L	96
5) Vinyl chloride	1.285	62	62024	4.334	ug/L	100
6) Bromomethane	1.491	94	20151	4.937	ug/L	100
8) Chloroethane	1.552	64	37256	4.545	ug/L	98
9) Trichlorofluoromethane	1.716	101	101588	4.870	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	52921	4.596	ug/L	100
12) 1,1-Dichloroethene	2.073	96	46936	4.591	ug/L	97
13) Acetone	2.156	43	87676	43.773	ug/L	82
14) Carbon disulfide	2.243	76	136355	4.049	ug/L	99
15) Methyl Acetate	2.394	43	21180	5.917	ug/L	90
16) Methylene chloride	2.452	84	57443	4.750	ug/L	95
17) Methyl tert-butyl Ether	2.716	73	105504	4.872	ug/L	97
18) trans-1,2-Dichloroethene	2.700	96	46690	4.335	ug/L	97
19) 1,1-Dichloroethane	3.121	63	95098	4.554	ug/L	98
21) 2-Butanone	3.905	43	116187	46.087	ug/L	98
22) cis-1,2-Dichloroethene	3.825	96	49612	4.590	ug/L #	98
23) Bromochloromethane	4.159	128	23466	4.648	ug/L	98
25) Chloroform	4.288	83	101642	4.817	ug/L	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.053	62	65133	5.105	ug/L	95
29) 1,1,1-Trichloroethane	4.523	97	94758	4.987	ug/L	99
30) Cyclohexane	4.590	56	72676	4.198	ug/L	97
31) Carbon tetrachloride	4.744	117	81311	4.716	ug/L	96
33) Benzene	5.021	78	198713	4.732	ug/L	100
34) Trichloroethene	5.841	95	51150	4.517	ug/L	97
35) Methylcyclohexane	6.060	83	75474	4.246	ug/L	99
37) 1,2-Dichloropropane	6.101	63	51948	4.819	ug/L	100
38) Bromodichloromethane	6.442	83	70302	4.980	ug/L	98
39) cis-1,3-Dichloropropene	6.963	75	66669	4.398	ug/L	99
40) 4-Methyl-2-pentanone	7.169	43	308977	54.393	ug/L	99
42) Toluene	7.323	91	219469	4.907	ug/L	99
44) trans-1,3-Dichloropropene	7.590	75	58573	4.541	ug/L	98
45) 1,1,2-Trichloroethane	7.777	97	37003	4.875	ug/L	97
47) Tetrachloroethene	7.915	164	45687	4.571	ug/L	98
48) 2-Hexanone	8.088	43	228950	53.817	ug/L	99
49) Dibromochloromethane	8.185	129	43333	4.796	ug/L	99
50) 1,2-Dibromoethane	8.291	107	34453	4.989	ug/L	99
51) Chlorobenzene	8.821	112	138295	4.829	ug/L	96
52) Ethylbenzene	8.957	91	229012	4.680	ug/L	97
53) m,p-Xylene	9.082	106	87777	4.686	ug/L	96
54) o-Xylene	9.487	106	83993	4.686	ug/L	100
55) Styrene	9.506	104	150459	4.942	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.188	83	44878	4.981	ug/L	99
59) Bromoform	9.674	173	24985	4.460	ug/L	97
60) Isopropylbenzene	9.876	105	235173	4.600	ug/L	100
61) 1,2,3-Trichloropropane	10.220	75	29835	4.814	ug/L	98
62) 1,3,5-Trimethylbenzene	10.487	105	181440	4.350	ug/L	99
63) 1,2,4-Trimethylbenzene	10.860	105	188197	4.427	ug/L	98
64) 1,3-Dichlorobenzene	11.127	146	119311	4.680	ug/L	100
65) 1,4-Dichlorobenzene	11.220	146	117665	4.582	ug/L	99
67) 1,2-Dichlorobenzene	11.590	146	106944	4.656	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.374	75	6785	4.402	ug/L	90
69) 1,3,5-Trichlorobenzene	12.593	180	86534	4.409	ug/L	99
70) 1,2,4-trichlorobenzene	13.207	180	68170	4.498	ug/L	98
71) Naphthalene	13.448	128	100616	4.649	ug/L	99
72) 1,2,3-Trichlorobenzene	13.693	180	61732	4.702	ug/L	99

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

