

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012723\
 Data File : VW029979.D
 Acq On : 27 Jan 2023 14:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005397

Quant Time: Jan 28 02:24:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jan 28 02:00:30 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	140721	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	134662	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	85533	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	50563	4.737	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.800%
7) Chloroethane-d5	1.565	69	51154	5.782	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.600%
11) 1,1-Dichloroethene-d2	2.105	63	98872	5.081	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.600%
20) 2-Butanone-d5	3.892	46	156068	82.497	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	165.000%#
24) Chloroform-d	4.336	84	113813	5.813	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.200%
26) 1,2-Dichloroethane-d4	5.024	65	48711	5.874	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.400%
32) Benzene-d6	5.040	84	207422	5.193	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.800%
36) 1,2-Dichloropropane-d6	6.059	67	72361	6.190	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	123.800%
41) Toluene-d8	7.307	98	178720	4.833	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
43) trans-1,3-Dichloroprop...	7.612	79	21070	4.935	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.082	63	128694	74.039	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	148.080%#
56) 1,1,2,2-Tetrachloroeth...	10.204	84	59111	6.900	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	138.000%#
66) 1,2-Dichlorobenzene-d4	11.612	152	71392	4.591	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	57949	4.425	ug/L	98
3) Chloromethane	1.240	50	86847	6.301	ug/L	99
5) Vinyl chloride	1.307	62	84652	6.263	ug/L	100
6) Bromomethane	1.519	94	27461	4.173	ug/L	98
8) Chloroethane	1.581	64	54666	6.666	ug/L	99
9) Trichlorofluoromethane	1.751	101	88313	4.988	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	49034	4.701	ug/L	94
12) 1,1-Dichloroethene	2.114	96	56171	4.675	ug/L	92
13) Acetone	2.188	43	82713	61.257	ug/L	96
14) Carbon disulfide	2.288	76	166977	4.827	ug/L	100
15) Methyl Acetate	2.436	43	21822	6.206	ug/L	92
16) Methylene chloride	2.500	84	74654	5.001	ug/L	88
17) Methyl tert-butyl Ether	2.764	73	122641	5.903	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	59407	5.319	ug/L	96
19) 1,1-Dichloroethane	3.179	63	118429	6.338	ug/L	99
21) 2-Butanone	3.979	43	121233	62.673	ug/L	96
22) cis-1,2-Dichloroethene	3.899	96	65511	5.504	ug/L	90
23) Bromochloromethane	4.236	128	28233	5.744	ug/L	87
25) Chloroform	4.362	83	115313	5.677	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.121	62	59755	6.055	ug/L	96
29) 1,1,1-Trichloroethane	4.597	97	92414	5.285	ug/L	97
30) Cyclohexane	4.667	56	81095	4.899	ug/L	94
31) Carbon tetrachloride	4.815	117	72682	4.777	ug/L	98
33) Benzene	5.088	78	257734	5.789	ug/L	100
34) Trichloroethene	5.905	95	59245	5.251	ug/L	98
35) Methylcyclohexane	6.121	83	75670	3.972	ug/L	95
37) 1,2-Dichloropropane	6.162	63	67531	6.477	ug/L	98
38) Bromodichloromethane	6.500	83	77776	5.767	ug/L	99
39) cis-1,3-Dichloropropene	7.018	75	77196	5.521	ug/L	97
40) 4-Methyl-2-pentanone	7.220	43	265468	59.662	ug/L	94
42) Toluene	7.378	91	259380	5.402	ug/L	99
44) trans-1,3-Dichloropropene	7.641	75	63388	5.626	ug/L	100
45) 1,1,2-Trichloroethane	7.828	97	43256	5.758	ug/L	98
47) Tetrachloroethene	7.966	164	43339	4.562	ug/L	99
48) 2-Hexanone	8.133	43	212153	66.707	ug/L	94
49) Dibromochloromethane	8.236	129	47528	5.391	ug/L	100
50) 1,2-Dibromoethane	8.342	107	36888	5.657	ug/L	98
51) Chlorobenzene	8.870	112	160609	5.268	ug/L	98
52) Ethylbenzene	9.002	91	246789	4.911	ug/L	100
53) m,p-Xylene	9.127	106	95607	4.806	ug/L	100
54) o-Xylene	9.532	106	94593	5.010	ug/L	99
55) Styrene	9.548	104	165364	5.093	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	52832	6.331	ug/L	99
59) Bromoform	9.719	173	24753	4.468	ug/L	97
60) Isopropylbenzene	9.918	105	241307	4.414	ug/L	100
61) 1,2,3-Trichloropropane	10.262	75	35853	5.661	ug/L	96
62) 1,3,5-Trimethylbenzene	10.526	105	191799	4.094	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	202199	4.328	ug/L	100
64) 1,3-Dichlorobenzene	11.169	146	126305	4.549	ug/L	99
65) 1,4-Dichlorobenzene	11.259	146	125756	4.544	ug/L	98
67) 1,2-Dichlorobenzene	11.628	146	117760	4.718	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.413	75	7679	5.127	ug/L	90
69) 1,3,5-Trichlorobenzene	12.632	180	95684	4.282	ug/L	99
70) 1,2,4-trichlorobenzene	13.246	180	78432	4.491	ug/L	98
71) Naphthalene	13.487	128	111899	4.946	ug/L	99
72) 1,2,3-Trichlorobenzene	13.728	180	70124	4.838	ug/L	98

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

