

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112421\
 Data File : VW023714.D
 Acq On : 24 Nov 2021 20:38
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005370

Quant Time: Nov 26 01:57:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 01:51:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	137444	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	132470	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73765	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	41463	3.675	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.400%
7) Chloroethane-d5	1.571	69	35943	4.053	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.000%
11) 1,1-Dichloroethene-d2	2.111	63	81122	4.080	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.600%
20) 2-Butanone-d5	3.899	46	88291	65.092	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.180%#
24) Chloroform-d	4.349	84	87115	4.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.034	65	42046	4.581	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.600%
32) Benzene-d6	5.053	84	160783	4.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.069	67	47053	4.651	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.000%
41) Toluene-d8	7.317	98	150223	4.455	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.200%
43) trans-1,3-Dichloroprop...	7.622	79	19210	4.711	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.088	63	73006	53.885	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.760%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36878	5.066	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	59487	4.561	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	59315	4.548	ug/L	100
3) Chloromethane	1.243	50	52978	4.673	ug/L	97
5) Vinyl chloride	1.314	62	57246	4.808	ug/L	99
6) Bromomethane	1.523	94	27070	4.010	ug/L	99
8) Chloroethane	1.587	64	34055	4.514	ug/L	95
9) Trichlorofluoromethane	1.754	101	94206	4.856	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	46465	4.780	ug/L	98
12) 1,1-Dichloroethene	2.121	96	45685	4.961	ug/L	98
13) Acetone	2.188	43	61564	50.440	ug/L	77
14) Carbon disulfide	2.297	76	142903	4.617	ug/L	100
15) Methyl Acetate	2.439	43	15816	5.709	ug/L	91
16) Methylene chloride	2.510	84	51517	3.921	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	96444	5.111	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	50300	4.796	ug/L	98
19) 1,1-Dichloroethane	3.191	63	84579	4.796	ug/L	98
21) 2-Butanone	3.976	43	86254	55.834	ug/L	89
22) cis-1,2-Dichloroethene	3.912	96	51568	5.127	ug/L	99
23) Bromochloromethane	4.252	128	23642	5.008	ug/L	97
25) Chloroform	4.378	83	95370	4.854	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	51094	4.892	ug/L	99
29) 1,1,1-Trichloroethane	4.609	97	87461	5.052	ug/L	99
30) Cyclohexane	4.680	56	71040	4.917	ug/L	99
31) Carbon tetrachloride	4.831	117	79948	5.042	ug/L	100
33) Benzene	5.101	78	196812	5.211	ug/L	100
34) Trichloroethene	5.915	95	53154	5.254	ug/L	95
35) Methylcyclohexane	6.133	83	77498	4.914	ug/L	98
37) 1,2-Dichloropropane	6.172	63	44980	5.010	ug/L	99
38) Bromodichloromethane	6.510	83	60993	5.006	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	64394	5.040	ug/L	97
40) 4-Methyl-2-pentanone	7.227	43	222957	52.028	ug/L	99
42) Toluene	7.387	91	219817	5.367	ug/L	96
44) trans-1,3-Dichloropropene	7.651	75	56012	5.217	ug/L	98
45) 1,1,2-Trichloroethane	7.841	97	33247	5.349	ug/L	97
47) Tetrachloroethene	7.976	164	47656	5.175	ug/L	97
48) 2-Hexanone	8.140	43	157076	49.593	ug/L	98
49) Dibromochloromethane	8.246	129	43661	5.126	ug/L	97
50) 1,2-Dibromoethane	8.352	107	31565	5.208	ug/L	99
51) Chlorobenzene	8.882	112	143396	5.281	ug/L	98
52) Ethylbenzene	9.011	91	229255	5.355	ug/L	99
53) m,p-xylene	9.140	106	91212	5.353	ug/L	100
54) o-xylene	9.545	106	87086	5.374	ug/L	98
55) Styrene	9.561	104	150050	5.496	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	35659	5.156	ug/L #	98
59) Bromoform	9.731	173	23211	4.765	ug/L	98
60) Isopropylbenzene	9.931	105	236816	5.377	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	25726	4.918	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	194429	5.305	ug/L	100
63) 1,2,4-Trimethylbenzene	10.915	105	198324	5.472	ug/L	100
64) 1,3-Dichlorobenzene	11.181	146	117472	5.216	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	115799	5.116	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	105421	5.115	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.429	75	5362	5.161	ug/L	91
69) 1,3,5-Trichlorobenzene	12.644	180	89840	5.110	ug/L	99
70) 1,2,4-trichlorobenzene	13.262	180	68729	5.038	ug/L	99
71) Naphthalene	13.503	128	88764	4.835	ug/L	100
72) 1,2,3-Trichlorobenzene	13.744	180	60829	5.146	ug/L	98

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

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