

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021622\
 Data File : VW024692.D
 Acq On : 16 Feb 2022 10:53
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005312

Quant Time: Feb 16 23:32:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Feb 16 03:37:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	132459	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	138450	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	72729	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	43758	3.941	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.800%	
7) Chloroethane-d5	1.571	69	42432	4.520	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.400%	
11) 1,1-Dichloroethene-d2	2.114	63	105245	4.333	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	86.600%	
20) 2-Butanone-d5	3.892	46	100754	54.662	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.320%	
24) Chloroform-d	4.346	84	101238	5.181	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	103.600%	
26) 1,2-Dichloroethane-d4	5.027	65	44575	5.027	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.600%	
32) Benzene-d6	5.047	84	188771	4.805	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.200%	
36) 1,2-Dichloropropane-d6	6.066	67	57627	4.717	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.400%	
41) Toluene-d8	7.313	98	169725	4.632	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.600%	
43) trans-1,3-Dichloroprop...	7.619	79	22064	4.472	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	89.400%	
46) 2-Hexanone-d5	8.085	63	84440	48.576	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.160%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37711	5.184	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.600%	
66) 1,2-Dichlorobenzene-d4	11.622	152	54844	4.678	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	92917	5.338	ug/L	99
3) Chloromethane	1.243	50	86874	5.072	ug/L	97
5) Vinyl chloride	1.314	62	91852	4.980	ug/L	99
6) Bromomethane	1.526	94	57041	5.024	ug/L	99
8) Chloroethane	1.587	64	58961	5.219	ug/L	94
9) Trichlorofluoromethane	1.757	101	132323	5.309	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	74603	5.369	ug/L	88
12) 1,1-Dichloroethene	2.121	96	70202	5.119	ug/L	93
13) Acetone	2.185	43	76210	52.393	ug/L	71
14) Carbon disulfide	2.298	76	207743	4.766	ug/L	99
15) Methyl Acetate	2.439	43	19595	4.711	ug/L	99
16) Methylene chloride	2.507	84	67148	4.942	ug/L	93
17) Methyl tert-butyl Ether	2.767	73	141631	5.011	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	70681	5.246	ug/L	92
19) 1,1-Dichloroethane	3.188	63	127819	5.493	ug/L	97
21) 2-Butanone	3.976	43	130154	53.990	ug/L	97
22) cis-1,2-Dichloroethene	3.908	96	73969	5.446	ug/L	93
23) Bromochloromethane	4.246	128	28691	5.562	ug/L	87
25) Chloroform	4.371	83	131216	5.388	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	70926	5.311	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	117767	5.185	ug/L	97
30) Cyclohexane	4.674	56	120991	5.171	ug/L	97
31) Carbon tetrachloride	4.825	117	101588	5.281	ug/L	98
33) Benzene	5.095	78	287852	5.327	ug/L	100
34) Trichloroethene	5.912	95	77789	5.228	ug/L	90
35) Methylcyclohexane	6.127	83	131326	5.335	ug/L	98
37) 1,2-Dichloropropane	6.169	63	69408	5.300	ug/L #	97
38) Bromodichloromethane	6.506	83	88865	5.105	ug/L #	98
39) cis-1,3-Dichloropropene	7.024	75	99096	4.965	ug/L	99
40) 4-Methyl-2-pentanone	7.220	43	335965	49.708	ug/L	99
42) Toluene	7.384	91	313794	5.331	ug/L	98
44) trans-1,3-Dichloropropene	7.648	75	80806	4.902	ug/L	99
45) 1,1,2-Trichloroethane	7.834	97	44862	5.286	ug/L	98
47) Tetrachloroethene	7.973	164	53612	5.431	ug/L	94
48) 2-Hexanone	8.137	43	237317	51.295	ug/L	98
49) Dibromochloromethane	8.243	129	52032	5.077	ug/L	99
50) 1,2-Dibromoethane	8.349	107	41372	5.194	ug/L #	95
51) Chlorobenzene	8.879	112	194144	5.382	ug/L	94
52) Ethylbenzene	9.008	91	341287	5.211	ug/L	98
53) m,p-xylene	9.137	106	130484	5.260	ug/L	96
54) o-xylene	9.542	106	126259	5.278	ug/L	92
55) Styrene	9.558	104	209345	5.331	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	46221	5.376	ug/L	99
59) Bromoform	9.728	173	23105	4.972	ug/L #	97
60) Isopropylbenzene	9.927	105	340791	5.166	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	36604	5.105	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	293038	5.188	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	291947	5.199	ug/L	98
64) 1,3-Dichlorobenzene	11.178	146	143080	5.329	ug/L	96
65) 1,4-Dichlorobenzene	11.268	146	142187	5.332	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	127009	5.328	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	6651	4.776	ug/L #	75
69) 1,3,5-Trichlorobenzene	12.641	180	102851	5.384	ug/L	98
70) 1,2,4-trichlorobenzene	13.259	180	79738	5.169	ug/L	96
71) Naphthalene	13.500	128	130335	4.665	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	66968	5.162	ug/L	98

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

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