

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021522\
 Data File : VV024666.D
 Acq On : 15 Feb 2022 12:36
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Feb 16 03:26:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR020922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 15 06:26:19 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	134798	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	132556	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	69566	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	48802	4.319	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	86.400%	
7) Chloroethane-d5	1.571	69	42586	4.458	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	89.200%	
11) 1,1-Dichloroethene-d2	2.111	63	106596	4.313	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	86.200%	
20) 2-Butanone-d5	3.902	46	74857	39.908	ug/L	0.00
Spiked Amount 50.000	Range 40	- 130	Recovery	=	79.820%	
24) Chloroform-d	4.346	84	100041	5.031	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	100.600%	
26) 1,2-Dichloroethane-d4	5.030	65	46004	5.098	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	102.000%	
32) Benzene-d6	5.047	84	194068	5.160	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	103.200%	
36) 1,2-Dichloropropane-d6	6.066	67	58003	4.959	ug/L	0.00
Spiked Amount 5.000	Range 60	- 140	Recovery	=	99.200%	
41) Toluene-d8	7.313	98	175761	5.011	ug/L	0.00
Spiked Amount 5.000	Range 70	- 130	Recovery	=	100.200%	
43) trans-1,3-Dichloroprop...	7.622	79	20784	4.400	ug/L	0.00
Spiked Amount 5.000	Range 55	- 130	Recovery	=	88.000%	
46) 2-Hexanone-d5	8.088	63	87089	52.327	ug/L	0.00
Spiked Amount 50.000	Range 45	- 130	Recovery	=	104.660%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	36550	5.248	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	105.000%	
66) 1,2-Dichlorobenzene-d4	11.622	152	57588	5.135	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	102.800%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	82404	4.652	ug/L	99
3) Chloromethane	1.243	50	83455	4.788	ug/L	97
5) Vinyl chloride	1.314	62	87734	4.674	ug/L	100
6) Bromomethane	1.523	94	53900	4.665	ug/L	98
8) Chloroethane	1.587	64	53872	4.686	ug/L	99
9) Trichlorofluoromethane	1.754	101	114687	4.521	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	60891	4.306	ug/L	88
12) 1,1-Dichloroethene	2.121	96	64380	4.613	ug/L	96
13) Acetone	2.195	43	51344m	34.685	ug/L	
14) Carbon disulfide	2.297	76	195595	4.409	ug/L	99
15) Methyl Acetate	2.442	43	14225	3.360	ug/L	99
16) Methylene chloride	2.506	84	63885	4.620	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	133700	4.649	ug/L	98
18) trans-1,2-Dichloroethene	2.760	96	64915	4.734	ug/L	95
19) 1,1-Dichloroethane	3.188	63	117599	4.966	ug/L	98
21) 2-Butanone	3.985	43	79600	32.446	ug/L	95
22) cis-1,2-Dichloroethene	3.908	96	69602	5.035	ug/L	95
23) Bromochloromethane	4.249	128	27713	5.279	ug/L	93

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

25) Chloroform	4.371	83	124345	5.017	ug/L	97
27) 1,2-Dichloroethane	5.127	62	68405	5.034	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	109558	5.038	ug/L	97
30) Cyclohexane	4.674	56	100421	4.483	ug/L	98
31) Carbon tetrachloride	4.825	117	90072	4.891	ug/L	100
33) Benzene	5.095	78	266721	5.156	ug/L	100
34) Trichloroethene	5.911	95	71246	5.001	ug/L	90
35) Methylcyclohexane	6.127	83	103515	4.392	ug/L	97
37) 1,2-Dichloropropane	6.169	63	63349	5.052	ug/L	98
38) Bromodichloromethane	6.506	83	84252	5.055	ug/L #	95
39) cis-1,3-Dichloropropene	7.024	75	86964	4.551	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	300785	46.482	ug/L	97
42) Toluene	7.384	91	284283	5.044	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	72675	4.604	ug/L	94
45) 1,1,2-Trichloroethane	7.837	97	43616	5.367	ug/L	95
47) Tetrachloroethene	7.972	164	47552	5.031	ug/L	93
48) 2-Hexanone	8.136	43	224089	50.589	ug/L	97
49) Dibromochloromethane	8.243	129	52366	5.336	ug/L	97
50) 1,2-Dibromoethane	8.349	107	40888	5.361	ug/L #	96
51) Chlorobenzene	8.879	112	176825	5.120	ug/L	96
52) Ethylbenzene	9.008	91	300789	4.797	ug/L	98
53) m,p-xylene	9.136	106	115576	4.866	ug/L	94
54) o-xylene	9.542	106	114479	4.998	ug/L	96
55) Styrene	9.558	104	188722	5.019	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.239	83	42438	5.156	ug/L	99
59) Bromoform	9.728	173	23818	5.358	ug/L	95
60) Isopropylbenzene	9.927	105	298154	4.725	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	35256	5.141	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	256691	4.751	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	255464	4.756	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	128621	5.008	ug/L	97
65) 1,4-Dichlorobenzene	11.271	146	128135	5.023	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	116557	5.112	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.429	75	6091	4.572	ug/L #	79
69) 1,3,5-Trichlorobenzene	12.644	180	90112	4.932	ug/L	97
70) 1,2,4-trichlorobenzene	13.258	180	72043	4.883	ug/L	97
71) Naphthalene	13.500	128	126926	4.749	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	62556	5.041	ug/L	96

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

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