

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042522\
 Data File : VW025703.D
 Acq On : 25 Apr 2022 09:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005392

Quant Time: Apr 26 06:22:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 23 01:57:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	177196	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	178394	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	96912	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	91236	5.538	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	110.800%	
7) Chloroethane-d5	1.571	69	87225	4.977	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.600%	
11) 1,1-Dichloroethene-d2	2.111	63	175509	5.318	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	106.400%	
20) 2-Butanone-d5	3.886	46	111724	55.753	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	111.500%	
24) Chloroform-d	4.346	84	142958	5.743	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	114.800%	
26) 1,2-Dichloroethane-d4	5.031	65	62898	5.864	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	117.200%	
32) Benzene-d6	5.047	84	284828	5.518	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	110.400%	
36) 1,2-Dichloropropane-d6	6.066	67	80458	5.589	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	111.800%	
41) Toluene-d8	7.310	98	265966	5.553	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	111.000%	
43) trans-1,3-Dichloroprop...	7.619	79	26134	5.401	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	108.000%	
46) 2-Hexanone-d5	8.085	63	86847	51.143	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.280%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	44062	4.845	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	80685	4.966	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.134	85	67648	4.226	ug/L	99
3) Chloromethane	1.246	50	86551	4.976	ug/L	99
5) Vinyl chloride	1.314	62	93724	4.769	ug/L	99
6) Bromomethane	1.526	94	58067	4.097	ug/L	99
8) Chloroethane	1.587	64	69902	4.608	ug/L	98
9) Trichlorofluoromethane	1.758	101	134781	4.882	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	76913	4.959	ug/L	98
12) 1,1-Dichloroethene	2.121	96	72875	4.742	ug/L	97
13) Acetone	2.182	43	81412	59.856	ug/L	95
14) Carbon disulfide	2.298	76	152801	4.153	ug/L	99
15) Methyl Acetate	2.439	43	18290	6.050	ug/L	91
16) Methylene chloride	2.510	84	64975	4.360	ug/L	94
17) Methyl tert-butyl Ether	2.770	73	119093	5.008	ug/L	98
18) trans-1,2-Dichloroethene	2.761	96	61891	4.806	ug/L	98
19) 1,1-Dichloroethane	3.192	63	122056	5.595	ug/L	98
21) 2-Butanone	3.973	43	110005	58.531	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	68922	5.083	ug/L	91
23) Bromochloromethane	4.246	128	29094	5.168	ug/L	92
25) Chloroform	4.372	83	131330	5.704	ug/L	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	66863	5.504	ug/L	97
29) 1,1,1-Trichloroethane	4.606	97	110809	5.267	ug/L	98
30) Cyclohexane	4.677	56	82394	4.307	ug/L	97
31) Carbon tetrachloride	4.825	117	96018	5.396	ug/L	98
33) Benzene	5.095	78	272417	5.170	ug/L	100
34) Trichloroethene	5.908	95	70467	5.036	ug/L	96
35) Methylcyclohexane	6.127	83	94732	4.243	ug/L	96
37) 1,2-Dichloropropane	6.172	63	66169	5.428	ug/L	99
38) Bromodichloromethane	6.507	83	87671	5.793	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	84413	5.283	ug/L	100
40) 4-Methyl-2-pentanone	7.224	43	285519	58.492	ug/L	96
42) Toluene	7.384	91	292614	5.105	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	68233	5.497	ug/L	97
45) 1,1,2-Trichloroethane	7.834	97	44050	5.396	ug/L	99
47) Tetrachloroethene	7.973	164	50827	4.640	ug/L	98
48) 2-Hexanone	8.137	43	204605	60.146	ug/L	95
49) Dibromochloromethane	8.243	129	50532	5.638	ug/L	98
50) 1,2-Dibromoethane	8.349	107	38241	4.987	ug/L	98
51) Chlorobenzene	8.876	112	181029	4.946	ug/L	97
52) Ethylbenzene	9.008	91	296422	4.849	ug/L	100
53) m,p-Xylene	9.137	106	117322	5.047	ug/L	100
54) o-Xylene	9.542	106	109668	4.857	ug/L	98
55) Styrene	9.558	104	196388	5.349	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	41006	5.027	ug/L	98
59) Bromoform	9.728	173	23668	5.916	ug/L	96
60) Isopropylbenzene	9.928	105	298616	4.978	ug/L	99
61) 1,2,3-Trichloropropane	10.268	75	34457	5.398	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	123420	4.614	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	236029	4.897	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	139138	4.969	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	140308	4.936	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	124704	5.029	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	6327	5.733	ug/L	90
69) 1,3,5-Trichlorobenzene	12.641	180	99615	4.676	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	71376	4.346	ug/L	100
71) Naphthalene	13.500	128	100213	4.159	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	61295	4.507	ug/L	97

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

