

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW050922\
 Data File : VW025851.D
 Acq On : 09 May 2022 10:12
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005287

Quant Time: May 10 04:44:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR050322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu May 05 04:55:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	199709	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	203358	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	111126	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	79408	3.627	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.600%
7) Chloroethane-d5	1.568	69	79969	4.153	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.111	63	177430	4.267	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.400%
20) 2-Butanone-d5	3.899	46	147547	49.252	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.500%
24) Chloroform-d	4.346	84	153512	4.682	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.600%
26) 1,2-Dichloroethane-d4	5.031	65	67270	4.636	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.800%
32) Benzene-d6	5.047	84	286424	4.386	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.800%
36) 1,2-Dichloropropane-d6	6.066	67	86530	4.505	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.313	98	258680	4.378	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.600%
43) trans-1,3-Dichloroprop...	7.619	79	27469	4.518	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.088	63	121843	51.419	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.840%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	58958	4.862	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	86342	4.430	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	108537	4.616	ug/L	99
3) Chloromethane	1.243	50	128653	4.699	ug/L	98
5) Vinyl chloride	1.314	62	133009	4.867	ug/L	100
6) Bromomethane	1.523	94	74677	5.019	ug/L	97
8) Chloroethane	1.587	64	82210	4.675	ug/L	97
9) Trichlorofluoromethane	1.754	101	177873	4.783	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	101322	5.051	ug/L	99
12) 1,1-Dichloroethene	2.121	96	98860	5.136	ug/L #	76
13) Acetone	2.198	43	94871	48.117	ug/L	98
14) Carbon disulfide	2.294	76	247310	4.969	ug/L	99
15) Methyl Acetate	2.445	43	22221	4.708	ug/L	90
16) Methylene chloride	2.506	84	82603	4.424	ug/L	95
17) Methyl tert-butyl Ether	2.770	73	139202	4.757	ug/L	97
18) trans-1,2-Dichloroethene	2.760	96	81474	4.805	ug/L	97
19) 1,1-Dichloroethane	3.188	63	147882	4.890	ug/L	98
21) 2-Butanone	3.986	43	128497	48.707	ug/L	87
22) cis-1,2-Dichloroethene	3.908	96	81993	4.724	ug/L	92
23) Bromochloromethane	4.246	128	35580	5.013	ug/L #	88
25) Chloroform	4.371	83	157460	4.988	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	82722	4.834	ug/L	95
29) 1,1,1-Trichloroethane	4.606	97	135130	4.906	ug/L	98
30) Cyclohexane	4.674	56	117739	4.726	ug/L	96
31) Carbon tetrachloride	4.825	117	117139	4.982	ug/L	98
33) Benzene	5.095	78	339464	4.981	ug/L	100
34) Trichloroethene	5.911	95	85420	4.763	ug/L	100
35) Methylcyclohexane	6.127	83	133639	4.836	ug/L	94
37) 1,2-Dichloropropane	6.169	63	82316	4.971	ug/L	99
38) Bromodichloromethane	6.506	83	101806	4.959	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	98741	4.867	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	341632	49.660	ug/L	95
42) Toluene	7.384	91	365020	5.043	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	79693	4.926	ug/L	98
45) 1,1,2-Trichloroethane	7.837	97	51132	4.839	ug/L	99
47) Tetrachloroethene	7.973	164	66962	4.375	ug/L	97
48) 2-Hexanone	8.136	43	243126	50.113	ug/L	96
49) Dibromochloromethane	8.243	129	59458	5.100	ug/L	99
50) 1,2-Dibromoethane	8.349	107	45427	4.874	ug/L	99
51) Chlorobenzene	8.876	112	225227	4.892	ug/L	98
52) Ethylbenzene	9.008	91	372120	4.963	ug/L	99
53) m,p-Xylene	9.136	106	150591	5.111	ug/L	95
54) o-Xylene	9.542	106	140787	5.038	ug/L	96
55) Styrene	9.558	104	246878	5.349	ug/L	97
57) 1,1,2,2-Tetrachloroethane	10.239	83	53699	4.774	ug/L	99
59) Bromoform	9.728	173	26459	5.063	ug/L	95
60) Isopropylbenzene	9.927	105	369932	4.946	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	41472	4.663	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	152256	4.737	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	293861	5.002	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	173654	5.046	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	169524	4.824	ug/L	97
67) 1,2-Dichlorobenzene	11.641	146	151866	4.942	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	7334	4.420	ug/L	90
69) 1,3,5-Trichlorobenzene	12.641	180	125441	4.856	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	88722	4.600	ug/L	100
71) Naphthalene	13.500	128	121087	4.422	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	77019	4.901	ug/L	97

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

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