

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025222.D
 Acq On : 27 Mar 2022 00:37
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005351

Quant Time: Mar 28 02:06:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 01:44:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	158397	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	150653	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76191	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	63993	4.325	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.600%
7) Chloroethane-d5	1.571	69	55817	4.495	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.111	63	139248	4.345	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	3.902	46	78445	53.226	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.460%
24) Chloroform-d	4.352	84	96965	5.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.034	65	43374	5.082	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
32) Benzene-d6	5.053	84	195403	5.127	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.600%
36) 1,2-Dichloropropane-d6	6.069	67	55742	5.219	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.317	98	186278	5.328	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
43) trans-1,3-Dichloroprop...	7.622	79	17458	5.010	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.088	63	65516	52.058	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.120%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35244	4.948	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	60615	4.953	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	78345	4.952	ug/L	98
3) Chloromethane	1.243	50	81536	4.369	ug/L	100
5) Vinyl chloride	1.314	62	91102	4.371	ug/L	96
6) Bromomethane	1.526	94	56648	4.579	ug/L	99
8) Chloroethane	1.587	64	59021	4.512	ug/L	98
9) Trichlorofluoromethane	1.757	101	139597	4.955	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	75455	4.509	ug/L	100
12) 1,1-Dichloroethene	2.121	96	73481	4.608	ug/L	93
13) Acetone	2.188	43	57084	50.758	ug/L	80
14) Carbon disulfide	2.297	76	160658	4.863	ug/L	98
15) Methyl Acetate	2.445	43	13795	5.388	ug/L	97
16) Methylene chloride	2.510	84	57024	4.554	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	96700	4.793	ug/L	98
18) trans-1,2-Dichloroethene	2.764	96	57881	5.057	ug/L	98
19) 1,1-Dichloroethane	3.191	63	95718	5.009	ug/L	99
21) 2-Butanone	3.985	43	79226	51.196	ug/L	86
22) cis-1,2-Dichloroethene	3.915	96	57230	4.922	ug/L	96
23) Bromochloromethane	4.252	128	24527	5.057	ug/L	95
25) Chloroform	4.378	83	106737	5.035	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.133	62	55163	5.039	ug/L	98
29) 1,1,1-Trichloroethane	4.609	97	91060	4.999	ug/L	98
30) Cyclohexane	4.680	56	79771	4.897	ug/L	99
31) Carbon tetrachloride	4.828	117	80456	5.103	ug/L	100
33) Benzene	5.101	78	224202	5.073	ug/L	100
34) Trichloroethene	5.915	95	60707	5.003	ug/L	97
35) Methylcyclohexane	6.130	83	91066	4.790	ug/L	99
37) 1,2-Dichloropropane	6.172	63	48320	4.714	ug/L	100
38) Bromodichloromethane	6.509	83	66599	5.129	ug/L	94
39) cis-1,3-Dichloropropene	7.027	75	59321	4.463	ug/L	100
40) 4-Methyl-2-pentanone	7.226	43	207224	50.632	ug/L	99
42) Toluene	7.387	91	248006	5.257	ug/L	97
44) trans-1,3-Dichloropropene	7.651	75	52222	4.998	ug/L	95
45) 1,1,2-Trichloroethane	7.841	97	36163	5.153	ug/L	98
47) Tetrachloroethene	7.976	164	45904	5.130	ug/L	98
48) 2-Hexanone	8.140	43	151855	51.877	ug/L	99
49) Dibromochloromethane	8.246	129	38309	5.072	ug/L	98
50) 1,2-Dibromoethane	8.352	107	33049	5.054	ug/L	94
51) Chlorobenzene	8.879	112	154787	5.081	ug/L	99
52) Ethylbenzene	9.011	91	256408	5.124	ug/L	99
53) m,p-Xylene	9.136	106	101966	5.240	ug/L	100
54) o-Xylene	9.542	106	95135	5.114	ug/L	93
55) Styrene	9.561	104	163052	5.330	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	36708	5.017	ug/L	99
59) Bromoform	9.731	173	15641	5.022	ug/L	100
60) Isopropylbenzene	9.931	105	256439	5.075	ug/L	100
61) 1,2,3-Trichloropropane	10.271	75	28568	4.956	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	109242	4.821	ug/L	98
63) 1,2,4-Trimethylbenzene	10.914	105	203433	5.032	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	119098	5.033	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	115949	4.892	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	105307	5.057	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.426	75	4930	4.776	ug/L	88
69) 1,3,5-Trichlorobenzene	12.644	180	82500	4.833	ug/L	97
70) 1,2,4-trichlorobenzene	13.258	180	62528	4.854	ug/L	98
71) Naphthalene	13.500	128	95962	4.780	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	54042	4.869	ug/L	97

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

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