

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW051722\
 Data File : VW025925.D
 Acq On : 17 May 2022 14:49
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005292

Quant Time: May 18 05:58:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 18 05:55:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	180929	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	184321	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	103684	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	68115	4.558	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.200%
7) Chloroethane-d5	1.568	69	63159	4.936	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.800%
11) 1,1-Dichloroethene-d2	2.111	63	163008	4.928	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.600%
20) 2-Butanone-d5	3.899	46	101855	58.858	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.720%
24) Chloroform-d	4.346	84	127556	5.226	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.600%
26) 1,2-Dichloroethane-d4	5.030	65	53236	5.143	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.800%
32) Benzene-d6	5.047	84	246580	5.152	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.000%
36) 1,2-Dichloropropane-d6	6.066	67	69584	5.001	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.000%
41) Toluene-d8	7.310	98	237185	5.331	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
43) trans-1,3-Dichloroprop...	7.622	79	19656	4.319	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.085	63	86490	51.187	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.380%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	47574	5.307	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	72363	4.902	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.133	85	92334	4.732	ug/L	100
3) Chloromethane	1.243	50	114995	5.045	ug/L	97
5) Vinyl chloride	1.314	62	119907	5.002	ug/L	97
6) Bromomethane	1.523	94	58067	4.161	ug/L	98
8) Chloroethane	1.587	64	83932	5.397	ug/L	93
9) Trichlorofluoromethane	1.754	101	166228	5.196	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	90330	5.038	ug/L	98
12) 1,1-Dichloroethene	2.117	96	92041	5.293	ug/L	93
13) Acetone	2.198	43	98750	59.189	ug/L	76
14) Carbon disulfide	2.294	76	219300	4.895	ug/L	98
15) Methyl Acetate	2.442	43	23648	6.222	ug/L	97
16) Methylene chloride	2.506	84	84276	4.774	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	146916	5.295	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	79218	5.224	ug/L	99
19) 1,1-Dichloroethane	3.188	63	153020	5.330	ug/L	99
21) 2-Butanone	3.979	43	147820	61.698	ug/L	89
22) cis-1,2-Dichloroethene	3.908	96	80996	5.229	ug/L	95
23) Bromochloromethane	4.246	128	35296	5.387	ug/L	94
25) Chloroform	4.371	83	155263	5.336	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	82978	5.410	ug/L	100
29) 1,1,1-Trichloroethane	4.606	97	136377	5.426	ug/L	99
30) Cyclohexane	4.674	56	109115	4.875	ug/L	99
31) Carbon tetrachloride	4.821	117	112496	5.288	ug/L	100
33) Benzene	5.095	78	336325	5.387	ug/L	100
34) Trichloroethene	5.911	95	79984	5.017	ug/L	97
35) Methylcyclohexane	6.127	83	118872	4.856	ug/L	98
37) 1,2-Dichloropropane	6.169	63	81059	5.505	ug/L	100
38) Bromodichloromethane	6.506	83	98740	5.335	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	86340	4.542	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	377526	55.427	ug/L	99
42) Toluene	7.384	91	359113	5.526	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	68454	4.415	ug/L	100
45) 1,1,2-Trichloroethane	7.834	97	52635	5.207	ug/L	95
47) Tetrachloroethene	7.972	164	62063	5.024	ug/L	99
48) 2-Hexanone	8.136	43	267856	55.628	ug/L	98
49) Dibromochloromethane	8.242	129	56001	5.070	ug/L	98
50) 1,2-Dibromoethane	8.349	107	47577	5.294	ug/L	92
51) Chlorobenzene	8.876	112	220305	5.227	ug/L	100
52) Ethylbenzene	9.008	91	358428	5.244	ug/L	99
53) m,p-Xylene	9.136	106	141870	5.375	ug/L	97
54) o-Xylene	9.541	106	135670	5.397	ug/L	99
55) Styrene	9.558	104	235644	5.579	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	59763	5.472	ug/L	96
59) Bromoform	9.728	173	23604	4.389	ug/L	97
60) Isopropylbenzene	9.927	105	359784	5.192	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	43332	5.020	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	148576	5.020	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	279567	5.152	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	165758	5.055	ug/L	97
65) 1,4-Dichlorobenzene	11.268	146	167474	5.017	ug/L	100
67) 1,2-Dichlorobenzene	11.641	146	150084	5.094	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	8089	4.838	ug/L	92
69) 1,3,5-Trichlorobenzene	12.641	180	118280	4.843	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	86687	4.679	ug/L	99
71) Naphthalene	13.500	128	123043	4.435	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	74106	4.630	ug/L	96

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

