

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW052322\
 Data File : VW025953.D
 Acq On : 23 May 2022 14:34
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005296

Quant Time: May 24 05:30:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 24 05:29:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	202514	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	206166	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	117652	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	61816	3.696	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.568	69	58572	4.090	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.111	63	153059	4.134	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.600%
20) 2-Butanone-d5	3.905	46	121899	62.933	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.860%
24) Chloroform-d	4.346	84	136104	4.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.031	65	56080	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.047	84	248317	4.638	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
36) 1,2-Dichloropropane-d6	6.066	67	76989	4.946	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.310	98	229600	4.613	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.200%
43) trans-1,3-Dichloroprop...	7.622	79	22595	4.439	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.800%
46) 2-Hexanone-d5	8.088	63	97852	51.775	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.560%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	53344	5.321	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	80162	4.786	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.134	85	100063	4.582	ug/L	98
3) Chloromethane	1.243	50	114335	4.482	ug/L	98
5) Vinyl chloride	1.314	62	126434	4.712	ug/L	99
6) Bromomethane	1.523	94	64490	4.129	ug/L	100
8) Chloroethane	1.587	64	82895	4.762	ug/L	100
9) Trichlorofluoromethane	1.754	101	178180	4.976	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	102338	5.099	ug/L	99
12) 1,1-Dichloroethene	2.118	96	96274	4.947	ug/L	99
13) Acetone	2.204	43	103848	55.610	ug/L	79
14) Carbon disulfide	2.294	76	218075	4.349	ug/L	99
15) Methyl Acetate	2.442	43	26506	6.231	ug/L	93
16) Methylene chloride	2.507	84	94814	4.799	ug/L	97
17) Methyl tert-butyl Ether	2.770	73	155161	4.997	ug/L	99
18) trans-1,2-Dichloroethene	2.761	96	84058	4.952	ug/L	97
19) 1,1-Dichloroethane	3.188	63	163486	5.088	ug/L	99
21) 2-Butanone	3.986	43	142031	52.963	ug/L	88
22) cis-1,2-Dichloroethene	3.908	96	87344	5.037	ug/L	96
23) Bromochloromethane	4.246	128	39004	5.318	ug/L	95
25) Chloroform	4.371	83	170250	5.227	ug/L	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.127	62	86393	5.032	ug/L	98
29) 1,1,1-Trichloroethane	4.603	97	148652	5.287	ug/L	99
30) Cyclohexane	4.674	56	117945	4.711	ug/L	98
31) Carbon tetrachloride	4.822	117	125207	5.262	ug/L	99
33) Benzene	5.095	78	355877	5.097	ug/L	100
34) Trichloroethene	5.908	95	88079	4.939	ug/L	99
35) Methylcyclohexane	6.127	83	128663	4.699	ug/L	99
37) 1,2-Dichloropropane	6.169	63	89666	5.444	ug/L	99
38) Bromodichloromethane	6.506	83	106367	5.139	ug/L	97
39) cis-1,3-Dichloropropene	7.024	75	100200	4.713	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	388226	50.958	ug/L	98
42) Toluene	7.384	91	384921	5.296	ug/L	100
44) trans-1,3-Dichloropropene	7.648	75	82007	4.729	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	56237	4.974	ug/L	95
47) Tetrachloroethene	7.973	164	68143	4.932	ug/L	97
48) 2-Hexanone	8.137	43	274661	50.997	ug/L	98
49) Dibromochloromethane	8.243	129	61751	4.998	ug/L	99
50) 1,2-Dibromoethane	8.349	107	50576	5.032	ug/L	98
51) Chlorobenzene	8.876	112	238025	5.049	ug/L	99
52) Ethylbenzene	9.008	91	389847	5.100	ug/L	99
53) m,p-Xylene	9.133	106	153998	5.216	ug/L	95
54) o-Xylene	9.542	106	146215	5.200	ug/L	98
55) Styrene	9.558	104	259329	5.489	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	63260	5.179	ug/L	99
59) Bromoform	9.728	173	26639	4.365	ug/L	97
60) Isopropylbenzene	9.928	105	392786	4.995	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	46613	4.759	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	158869	4.731	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	305024	4.954	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	184604	4.962	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	181875	4.802	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	164363	4.917	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	8487	4.474	ug/L	94
69) 1,3,5-Trichlorobenzene	12.641	180	129272	4.665	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	95645	4.549	ug/L	99
71) Naphthalene	13.500	128	131489	4.177	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	82250	4.529	ug/L	98

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

