

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW030822\
 Data File : VW024860.D
 Acq On : 08 Mar 2022 09:32
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005325

Quant Time: Mar 09 04:57:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 25 03:28:05 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	255781	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	232987	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	109111	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	78322	3.610	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.200%
7) Chloroethane-d5	1.568	69	66315	3.726	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.600%
11) 1,1-Dichloroethene-d2	2.108	63	142048	3.573	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	3.899	46	140504	45.340	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.680%
24) Chloroform-d	4.346	84	145702	4.304	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
26) 1,2-Dichloroethane-d4	5.027	65	61942	4.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
32) Benzene-d6	5.043	84	294316	4.379	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	6.066	67	87516	4.424	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.400%
41) Toluene-d8	7.310	98	258849	4.238	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	7.619	79	31223	4.738	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.085	63	113942	43.945	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.880%
56) 1,1,2,2-Tetrachloroeth...	10.213	84	49739	4.172	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	79149	4.192	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.130	85	113795	4.562	ug/L	100
3) Chloromethane	1.243	50	100834	4.047	ug/L	99
5) Vinyl chloride	1.310	62	109521	4.004	ug/L	97
6) Bromomethane	1.523	94	66463	4.068	ug/L	98
8) Chloroethane	1.584	64	67108	3.983	ug/L	99
9) Trichlorofluoromethane	1.754	101	152841	4.257	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	88303	4.235	ug/L	99
12) 1,1-Dichloroethene	2.117	96	81857	4.109	ug/L	94
13) Acetone	2.195	43	98302	44.982	ug/L	94
14) Carbon disulfide	2.294	76	253528	4.535	ug/L	100
15) Methyl Acetate	2.439	43	23640	4.132	ug/L	94
16) Methylene chloride	2.506	84	96556	4.923	ug/L	94
17) Methyl tert-butyl Ether	2.767	73	188370	4.810	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	91474	4.702	ug/L	97
19) 1,1-Dichloroethane	3.188	63	168898	4.741	ug/L	99
21) 2-Butanone	3.979	43	170870	50.597	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	100188	4.872	ug/L	98
23) Bromochloromethane	4.246	128	39121	4.922	ug/L	92
25) Chloroform	4.368	83	174425	4.687	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	87401	4.401	ug/L	96
29) 1,1,1-Trichloroethane	4.603	97	152237	4.869	ug/L	98
30) Cyclohexane	4.674	56	145551	4.589	ug/L	97
31) Carbon tetrachloride	4.821	117	130085	4.948	ug/L	99
33) Benzene	5.095	78	378296	4.796	ug/L	100
34) Trichloroethene	5.908	95	103661	4.961	ug/L	96
35) Methylcyclohexane	6.127	83	163946	4.856	ug/L	98
37) 1,2-Dichloropropane	6.169	63	91438	4.906	ug/L	99
38) Bromodichloromethane	6.503	83	117698	5.017	ug/L	99
39) cis-1,3-Dichloropropene	7.024	75	131897	5.102	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	414532	46.759	ug/L	97
42) Toluene	7.381	91	399227	4.754	ug/L	100
44) trans-1,3-Dichloropropene	7.644	75	103658	5.019	ug/L	95
45) 1,1,2-Trichloroethane	7.834	97	60173	4.963	ug/L	99
47) Tetrachloroethene	7.972	164	69473	4.882	ug/L	98
48) 2-Hexanone	8.136	43	286279	45.928	ug/L	95
49) Dibromochloromethane	8.242	129	70532	5.242	ug/L	99
50) 1,2-Dibromoethane	8.349	107	54018	4.883	ug/L	98
51) Chlorobenzene	8.876	112	251037	4.778	ug/L	98
52) Ethylbenzene	9.008	91	438521	4.784	ug/L	99
53) m,p-xylene	9.133	106	169312	4.887	ug/L	99
54) o-xylene	9.541	106	161527	4.770	ug/L	99
55) Styrene	9.558	104	270498	4.911	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.239	83	58066	4.528	ug/L	100
59) Bromoform	9.728	173	31246	5.657	ug/L	98
60) Isopropylbenzene	9.927	105	439299	4.867	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	46808	4.734	ug/L	98
62) 1,3,5-Trimethylbenzene	10.535	105	366075	4.866	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	367919	4.926	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	186824	4.908	ug/L	99
65) 1,4-Dichlorobenzene	11.268	146	185656	4.884	ug/L	99
67) 1,2-Dichlorobenzene	11.638	146	164323	4.894	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.426	75	8957	5.298	ug/L	95
69) 1,3,5-Trichlorobenzene	12.641	180	134257	4.974	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	105361	4.955	ug/L	99
71) Naphthalene	13.500	128	170323	4.710	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	87440	4.913	ug/L	99

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

