

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092722\
 Data File : VW028129.D
 Acq On : 27 Sep 2022 10:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005305

Quant Time: Sep 28 03:03:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 26 21:28:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	177143	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	179402	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	98506	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	68019	3.704	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.000%
7) Chloroethane-d5	1.561	69	59708	4.089	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.800%
11) 1,1-Dichloroethene-d2	2.101	63	116724	3.665	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.200%
20) 2-Butanone-d5	3.895	46	168512	54.351	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.700%
24) Chloroform-d	4.342	84	136278	4.650	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.000%
26) 1,2-Dichloroethane-d4	5.027	65	64482	4.624	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.043	84	248554	4.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.600%
36) 1,2-Dichloropropane-d6	6.066	67	79651	4.343	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.800%
41) Toluene-d8	7.310	98	220632	4.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	7.619	79	30217	4.562	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.200%
46) 2-Hexanone-d5	8.085	63	138603	50.132	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.260%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	62482	4.985	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	85332	4.416	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.124	85	64675	4.888	ug/L	94
3) Chloromethane	1.236	50	59624	3.403	ug/L	93
5) Vinyl chloride	1.304	62	65775	4.788	ug/L	98
6) Bromomethane	1.516	94	42133	4.710	ug/L	94
8) Chloroethane	1.580	64	43239	4.694	ug/L	99
9) Trichlorofluoromethane	1.748	101	105762	4.849	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	62906	5.005	ug/L	99
12) 1,1-Dichloroethene	2.111	96	54302	4.436	ug/L	86
13) Acetone	2.188	43	101994	42.708	ug/L	96
14) Carbon disulfide	2.288	76	112209	4.776	ug/L	99
15) Methyl Acetate	2.436	43	22542	4.862	ug/L	97
16) Methylene chloride	2.500	84	66277	4.850	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	130284	4.947	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	53613	5.003	ug/L	99
19) 1,1-Dichloroethane	3.182	63	118265	5.059	ug/L	99
21) 2-Butanone	3.982	43	141060	47.710	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	63339	4.504	ug/L	98
23) Bromochloromethane	4.243	128	29249	5.195	ug/L	88
25) Chloroform	4.368	83	128907	5.139	ug/L	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW092722\
 Data File : VW028129.D
 Acq On : 27 Sep 2022 10:13
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005305

Quant Time: Sep 28 03:03:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Sep 26 21:28:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	65048	4.863	ug/L #	92
29) 1,1,1-Trichloroethane	4.600	97	107940	4.897	ug/L	98
30) Cyclohexane	4.670	56	72496	4.547	ug/L	93
31) Carbon tetrachloride	4.821	117	91987	5.071	ug/L	98
33) Benzene	5.092	78	248693	4.992	ug/L	100
34) Trichloroethene	5.908	95	61234	4.938	ug/L	97
35) Methylcyclohexane	6.127	83	82276	4.838	ug/L	96
37) 1,2-Dichloropropane	6.169	63	66313	4.748	ug/L	98
38) Bromodichloromethane	6.506	83	88528	5.134	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	86339	4.977	ug/L	99
40) 4-Methyl-2-pentanone	7.223	43	342248	50.464	ug/L	99
42) Toluene	7.384	91	269756	5.191	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	73823	4.948	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	47253	5.048	ug/L	97
47) Tetrachloroethene	7.972	164	50652	5.117	ug/L	97
48) 2-Hexanone	8.136	43	256189	49.759	ug/L	99
49) Dibromochloromethane	8.243	129	59030	5.244	ug/L	99
50) 1,2-Dibromoethane	8.349	107	40754	5.009	ug/L	92
51) Chlorobenzene	8.879	112	179002	5.136	ug/L	98
52) Ethylbenzene	9.008	91	270577	4.922	ug/L	98
53) m,p-Xylene	9.136	106	109150	5.181	ug/L	97
54) o-Xylene	9.542	106	106469	5.117	ug/L	98
55) Styrene	9.558	104	190614	5.287	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	57147	5.239	ug/L	98
59) Bromoform	9.728	173	31606	5.054	ug/L	99
60) Isopropylbenzene	9.927	105	290456	5.023	ug/L	99
61) 1,2,3-Trichloropropane	10.271	75	40706	4.927	ug/L	99
62) 1,3,5-Trimethylbenzene	10.535	105	76681	4.708	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	218179	4.792	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	148481	5.161	ug/L	98
65) 1,4-Dichlorobenzene	11.268	146	148391	5.155	ug/L	98
67) 1,2-Dichlorobenzene	11.638	146	139301	5.125	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	8527	4.709	ug/L	87
69) 1,3,5-Trichlorobenzene	12.641	180	115565	5.075	ug/L	99
70) 1,2,4-trichlorobenzene	13.258	180	88641	4.867	ug/L	98
71) Naphthalene	13.496	128	126563	4.244	ug/L	99
72) 1,2,3-Trichlorobenzene	13.738	180	80007	4.857	ug/L	99

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

