

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW060822\
 Data File : VW026011.D
 Acq On : 08 Jun 2022 09:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005297

Quant Time: Jun 09 05:02:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR060822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 09 04:54:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	257630	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	249219	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	129373	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	75560	4.996	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.000%		
7) Chloroethane-d5	1.571	69	76290	4.825	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 96.600%		
11) 1,1-Dichloroethene-d2	2.114	63	176853	5.063	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 101.200%		
20) 2-Butanone-d5	3.905	46	93465	41.786	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 83.580%		
24) Chloroform-d	4.349	84	150810	4.705	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 94.200%		
26) 1,2-Dichloroethane-d4	5.034	65	61280	4.687	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 93.800%		
32) Benzene-d6	5.050	84	290916	4.831	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 96.600%		
36) 1,2-Dichloropropane-d6	6.069	67	86517	4.644	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 92.800%		
41) Toluene-d8	7.313	98	260694	4.898	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 98.000%		
43) trans-1,3-Dichloroprop...	7.622	79	25557	4.659	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 93.200%		
46) 2-Hexanone-d5	8.088	63	111105	46.028	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 92.060%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	58294	4.640	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 92.800%		
66) 1,2-Dichlorobenzene-d4	11.622	152	88543	4.473	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 89.400%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.137	85	129059	5.090	ug/L	98
3) Chloromethane	1.246	50	152655	5.377	ug/L	98
5) Vinyl chloride	1.317	62	157420	5.310	ug/L	98
6) Bromomethane	1.529	94	90072	5.241	ug/L	97
8) Chloroethane	1.590	64	96425	5.288	ug/L	97
9) Trichlorofluoromethane	1.757	101	200999	5.318	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.121	101	113612	5.276	ug/L	99
12) 1,1-Dichloroethene	2.121	96	111223	5.366	ug/L	98
13) Acetone	2.191	43	59938	33.600	ug/L	60
14) Carbon disulfide	2.298	76	312654	5.288	ug/L	99
15) Methyl Acetate	2.445	43	22245	3.815	ug/L #	77
16) Methylene chloride	2.510	84	99240	4.806	ug/L	98
17) Methyl tert-butyl Ether	2.773	73	167251	4.971	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	102217	5.230	ug/L	96
19) 1,1-Dichloroethane	3.191	63	181186	5.097	ug/L	99
21) 2-Butanone	3.989	43	124824	53.718	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	97588	5.066	ug/L	98
23) Bromochloromethane	4.249	128	41472	5.122	ug/L	97
25) Chloroform	4.375	83	185792	5.091	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.130	62	93076	5.159	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	161122	4.927	ug/L	100
30) Cyclohexane	4.674	56	144163	5.068	ug/L	99
31) Carbon tetrachloride	4.825	117	137489	5.119	ug/L	98
33) Benzene	5.098	78	407439	5.202	ug/L	100
34) Trichloroethene	5.912	95	104816	5.123	ug/L	99
35) Methylcyclohexane	6.127	83	159592	5.060	ug/L	100
37) 1,2-Dichloropropane	6.172	63	96755	5.097	ug/L	99
38) Bromodichloromethane	6.506	83	117484	5.124	ug/L	100
39) cis-1,3-Dichloropropene	7.024	75	118669	5.074	ug/L	98
40) 4-Methyl-2-pentanone	7.227	43	410635	52.959	ug/L	99
42) Toluene	7.384	91	438420	5.358	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	96954	5.291	ug/L	99
45) 1,1,2-Trichloroethane	7.838	97	61649	5.002	ug/L	97
47) Tetrachloroethene	7.973	164	79402	5.013	ug/L	98
48) 2-Hexanone	8.137	43	297007	53.964	ug/L	99
49) Dibromochloromethane	8.243	129	69850	5.192	ug/L	98
50) 1,2-Dibromoethane	8.349	107	55209	5.034	ug/L	98
51) Chlorobenzene	8.879	112	269808	5.066	ug/L	100
52) Ethylbenzene	9.011	91	443828	5.175	ug/L	99
53) m,p-Xylene	9.136	106	176751	5.331	ug/L	98
54) o-Xylene	9.542	106	164442	5.218	ug/L	96
55) Styrene	9.558	104	292020	5.532	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.239	83	65116	4.934	ug/L	99
59) Bromoform	9.728	173	31599	5.206	ug/L	98
60) Isopropylbenzene	9.927	105	443866	5.163	ug/L	100
61) 1,2,3-Trichloropropane	10.272	75	47567	4.711	ug/L	99
62) 1,3,5-Trimethylbenzene	10.538	105	346694	5.092	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	355506	5.243	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	206969	5.067	ug/L	99
65) 1,4-Dichlorobenzene	11.271	146	204581	4.919	ug/L	99
67) 1,2-Dichlorobenzene	11.641	146	178235	4.934	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	8335	4.645	ug/L	92
69) 1,3,5-Trichlorobenzene	12.644	180	143856	4.863	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	103102	4.676	ug/L	96
71) Naphthalene	13.500	128	141384	4.513	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	87798	4.704	ug/L	96

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

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