

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW090722\
 Data File : VW027772.D
 Acq On : 07 Sep 2022 10:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005286

Quant Time: Sep 08 07:53:50 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR090622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 07 06:13:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 09/08/2022
 Supervised By :Mahesh Dadoda 09/08/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	151461	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.847	117	146951	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	80460	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	52362	5.245	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.800%		
7) Chloroethane-d5	1.565	69	46624	5.505	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 110.200%		
11) 1,1-Dichloroethene-d2	2.105	63	111363	5.257	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 105.200%		
20) 2-Butanone-d5	3.896	46	95583m	43.199	ug/L	-0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	= 86.400%		
24) Chloroform-d	4.343	84	113555	5.555	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 111.000%		
26) 1,2-Dichloroethane-d4	5.027	65	52902	4.859	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 97.200%		
32) Benzene-d6	5.043	84	206979	4.855	ug/L	0.01
Spiked Amount	5.000	Range 70 - 125	Recovery	= 97.000%		
36) 1,2-Dichloropropane-d6	6.066	67	55661	4.459	ug/L	0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	= 89.200%		
41) Toluene-d8	7.310	98	192191	5.361	ug/L	-0.01
Spiked Amount	5.000	Range 70 - 130	Recovery	= 107.200%		
43) trans-1,3-Dichloroprop...	7.619	79	21186	5.059	ug/L	-0.02
Spiked Amount	5.000	Range 55 - 130	Recovery	= 101.200%		
46) 2-Hexanone-d5	8.088	63	74793	48.051	ug/L	-0.03
Spiked Amount	50.000	Range 45 - 130	Recovery	= 96.100%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37162	4.636	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 92.800%		
66) 1,2-Dichlorobenzene-d4	11.622	152	63430	4.799	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 96.000%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.130	85	93179	6.267	ug/L	100
3) Chloromethane	1.240	50	79643	5.883	ug/L	99
5) Vinyl chloride	1.307	62	80931	5.935	ug/L	99
6) Bromomethane	1.520	94	42750	5.820	ug/L	97
8) Chloroethane	1.581	64	48587	6.205	ug/L	98
9) Trichlorofluoromethane	1.748	101	140412	6.355	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	64521	5.991	ug/L	98
12) 1,1-Dichloroethene	2.114	96	59936	5.971	ug/L	91
13) Acetone	2.175	43	77500m	47.010	ug/L	
14) Carbon disulfide	2.288	76	175661	5.893	ug/L	99
15) Methyl Acetate	2.436	43	14724m	3.367	ug/L	
16) Methylene chloride	2.503	84	65510	5.068	ug/L	91
17) Methyl tert-butyl Ether	2.767	73	120241	5.047	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	61633	5.814	ug/L	94
19) 1,1-Dichloroethane	3.185	63	114716	5.767	ug/L	99
21) 2-Butanone	3.979	43	94189	40.474	ug/L	92
22) cis-1,2-Dichloroethene	3.905	96	61292	5.305	ug/L #	88
23) Bromochloromethane	4.243	128	27957	5.762	ug/L	86
25) Chloroform	4.368	83	129343	5.860	ug/L	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	74244	5.548	ug/L	100
29) 1,1,1-Trichloroethane	4.603	97	121002	5.354	ug/L	98
30) Cyclohexane	4.674	56	87749	4.724	ug/L	97
31) Carbon tetrachloride	4.822	117	110273	5.742	ug/L	100
33) Benzene	5.092	78	261950	5.397	ug/L	100
34) Trichloroethene	5.908	95	62988	5.185	ug/L	93
35) Methylcyclohexane	6.124	83	100100	5.366	ug/L	96
37) 1,2-Dichloropropane	6.166	63	56725	4.925	ug/L	98
38) Bromodichloromethane	6.506	83	81059	5.308	ug/L	96
39) cis-1,3-Dichloropropene	7.024	75	78883	5.425	ug/L	100
40) 4-Methyl-2-pentanone	7.223	43	256317	49.102	ug/L	96
42) Toluene	7.384	91	281079	5.979	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	67747	5.551	ug/L	98
45) 1,1,2-Trichloroethane	7.834	97	40544	5.433	ug/L	97
47) Tetrachloroethene	7.973	164	57226	5.870	ug/L	97
48) 2-Hexanone	8.140	43	192761	50.793	ug/L	97
49) Dibromochloromethane	8.243	129	50799	5.362	ug/L	96
50) 1,2-Dibromoethane	8.349	107	36260	5.373	ug/L	100
51) Chlorobenzene	8.876	112	176267	5.778	ug/L	99
52) Ethylbenzene	9.008	91	284847	5.842	ug/L	100
53) m,p-Xylene	9.133	106	118014	6.154	ug/L	100
54) o-Xylene	9.542	106	106062	5.802	ug/L	98
55) Styrene	9.558	104	186905	5.912	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	41719	4.988	ug/L	99
59) Bromoform	9.728	173	26023	5.343	ug/L	98
60) Isopropylbenzene	9.928	105	289602	5.753	ug/L	100
61) 1,2,3-Trichloropropane	10.268	75	30894	4.849	ug/L	96
62) 1,3,5-Trimethylbenzene	10.535	105	80941	5.709	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	226446	5.619	ug/L	100
64) 1,3-Dichlorobenzene	11.178	146	141108	5.536	ug/L	97
65) 1,4-Dichlorobenzene	11.272	146	138412	5.388	ug/L	98
67) 1,2-Dichlorobenzene	11.641	146	123718	5.345	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.426	75	6694	4.894	ug/L	91
69) 1,3,5-Trichlorobenzene	12.641	180	107574	5.570	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	78189	5.121	ug/L	99
71) Naphthalene	13.500	128	96145	4.009	ug/L	100
72) 1,2,3-Trichlorobenzene	13.741	180	67192	4.939	ug/L	99

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

