

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090622\
 Data File : VV027770.D
 Acq On : 07 Sep 2022 02:59
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005285

Quant Time: Sep 07 06:33:52 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	5.616	114	149716	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.850	117	149730	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	82478	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	51632	5.232	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 104.600%		
7) Chloroethane-d5	1.568	69	45709	5.460	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 109.200%		
11) 1,1-Dichloroethene-d2	2.111	63	112165	5.356	ug/L	0.01
Spiked Amount	5.000	Range 60 - 125	Recovery	= 107.200%		
20) 2-Butanone-d5	3.889	46	65503	29.950	ug/L	-0.05
Spiked Amount	50.000	Range 40 - 130	Recovery	= 59.900%		
24) Chloroform-d	4.346	84	106875	5.289	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.800%		
26) 1,2-Dichloroethane-d4	5.031	65	51273	4.765	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 95.200%		
32) Benzene-d6	5.047	84	194533	4.478	ug/L	0.02
Spiked Amount	5.000	Range 70 - 125	Recovery	= 89.600%		
36) 1,2-Dichloropropane-d6	6.066	67	52423	4.122	ug/L	0.02
Spiked Amount	5.000	Range 60 - 140	Recovery	= 82.400%		
41) Toluene-d8	7.313	98	193218	5.290	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.800%		
43) trans-1,3-Dichloroprop...	7.622	79	20226	4.741	ug/L	-0.01
Spiked Amount	5.000	Range 55 - 130	Recovery	= 94.800%		
46) 2-Hexanone-d5	8.088	63	81589	51.445	ug/L	-0.03
Spiked Amount	50.000	Range 45 - 130	Recovery	= 102.880%		
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40873	5.005	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 100.000%		
66) 1,2-Dichlorobenzene-d4	11.622	152	62347	4.602	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 92.000%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.130	85	81543	5.548	ug/L	99
3) Chloromethane	1.243	50	72048	5.384	ug/L	96
5) Vinyl chloride	1.314	62	75556	5.605	ug/L	99
6) Bromomethane	1.523	94	37128	5.114	ug/L	99
8) Chloroethane	1.587	64	46801	6.047	ug/L	99
9) Trichlorofluoromethane	1.754	101	124290	5.691	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.118	101	59935	5.630	ug/L	97
12) 1,1-Dichloroethene	2.118	96	56840	5.728	ug/L	97
13) Acetone	2.175	43	70553m	43.294	ug/L	
14) Carbon disulfide	2.294	76	158046	5.364	ug/L	99
15) Methyl Acetate	2.433	43	17749	4.106	ug/L	92
16) Methylene chloride	2.507	84	59272	4.639	ug/L	96
17) Methyl tert-butyl Ether	2.767	73	115319	4.897	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	57166	5.455	ug/L	95
19) 1,1-Dichloroethane	3.188	63	108994	5.543	ug/L	98
21) 2-Butanone	3.973	43	75767m	32.937	ug/L	
22) cis-1,2-Dichloroethene	3.908	96	56988	4.990	ug/L #	89
23) Bromochloromethane	4.249	128	26131	5.449	ug/L	86
25) Chloroform	4.375	83	114958	5.269	ug/L	100

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27) 1,2-Dichloroethane	5.127	62	65915	4.983	ug/L	98
29) 1,1,1-Trichloroethane	4.606	97	105999	4.603	ug/L	97
30) Cyclohexane	4.674	56	77849	4.114	ug/L	98
31) Carbon tetrachloride	4.825	117	97049	4.960	ug/L	100
33) Benzene	5.098	78	229819	4.647	ug/L	100
34) Trichloroethene	5.912	95	56162	4.538	ug/L	97
35) Methylcyclohexane	6.130	83	85582	4.502	ug/L	98
37) 1,2-Dichloropropane	6.169	63	54178	4.617	ug/L	99
38) Bromodichloromethane	6.506	83	76853	4.939	ug/L	97
39) cis-1,3-Dichloropropene	7.027	75	70440	4.754	ug/L	99
40) 4-Methyl-2-pentanone	7.227	43	274239	51.560	ug/L	96
42) Toluene	7.384	91	257372	5.373	ug/L	99
44) trans-1,3-Dichloropropene	7.648	75	61598	4.954	ug/L	98
45) 1,1,2-Trichloroethane	7.838	97	39341	5.174	ug/L	98
47) Tetrachloroethene	7.973	164	50302	5.064	ug/L	96
48) 2-Hexanone	8.140	43	199651	51.632	ug/L	97
49) Dibromochloromethane	8.243	129	50099	5.190	ug/L	98
50) 1,2-Dibromoethane	8.352	107	35633	5.182	ug/L	99
51) Chlorobenzene	8.879	112	158209	5.090	ug/L	99
52) Ethylbenzene	9.011	91	251048	5.054	ug/L	100
53) m,p-Xylene	9.137	106	104418	5.344	ug/L	95
54) o-Xylene	9.542	106	98646	5.296	ug/L	99
55) Styrene	9.558	104	174089	5.405	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.239	83	43986	5.162	ug/L	97
59) Bromoform	9.728	173	24692	4.946	ug/L	95
60) Isopropylbenzene	9.931	105	260742	5.053	ug/L	99
61) 1,2,3-Trichloropropane	10.272	75	32558	4.985	ug/L	96
62) 1,3,5-Trimethylbenzene	10.538	105	70376	4.843	ug/L	95
63) 1,2,4-Trimethylbenzene	10.911	105	205449	4.973	ug/L	99
64) 1,3-Dichlorobenzene	11.178	146	129646	4.962	ug/L	98
65) 1,4-Dichlorobenzene	11.271	146	128145	4.867	ug/L	95
67) 1,2-Dichlorobenzene	11.641	146	117593	4.956	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	6246	4.455	ug/L	95
69) 1,3,5-Trichlorobenzene	12.644	180	96257	4.863	ug/L	99
70) 1,2,4-trichlorobenzene	13.259	180	72553	4.636	ug/L	99
71) Naphthalene	13.500	128	95670	3.891	ug/L	99
72) 1,2,3-Trichlorobenzene	13.741	180	65884	4.725	ug/L	99

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

