

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051622\
 Data File : BP010377.D
 Acq On : 17 May 2022 02:33
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020652

Quant Time: May 17 03:54:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 13 15:04:31 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/17/2022
 Supervised By :mohammad ahmed 05/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.899	152	129749	20.000	ng/u1	0.00
20) Naphthalene-d8	10.699	136	583968	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.528	164	402445	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.281	188	885912	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.363	240	962659	20.000	ng/u1	# 0.00
88) Perylene-d12	23.798	264	954719	20.000	ng/u1	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.340	96	24522m	8.056	ng/uL	0.00
4) Pyridine-d5	3.764	84	168485	19.494	ng/u1	0.00
7) Phenol-d5	7.063	99	225914	20.745	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.228	67	153270	20.948	ng/u1	0.00
11) 2-Chlorophenol-d4	7.428	132	177533	21.305	ng/u1	0.00
15) 4-Methylphenol-d8	8.605	113	195673	21.143	ng/u1	0.00
21) Nitrobenzene-d5	9.057	128	96382	21.326	ng/u1	0.00
24) 2-Nitrophenol-d4	9.781	143	102507	21.402	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.322	165	192262	21.229	ng/u1	0.00
31) 4-Chloroaniline-d4	10.834	131	274537	20.388	ng/u1	0.00
46) Dimethylphthalate-d6	13.940	166	621812	20.971	ng/u1	0.00
49) Acenaphthylene-d8	14.222	160	724500	21.183	ng/u1	0.00
54) 4-Nitrophenol-d4	14.728	143	108357m	20.531	ng/u1	0.00
60) Fluorene-d10	15.522	176	540682	20.960	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.645	200	94827	18.302	ng/u1	0.00
73) Anthracene-d10	17.381	188	850951	21.213	ng/u1	0.00
81) Pyrene-d10	19.610	212	1044043	20.422	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.639	264	1014284	21.157	ng/u1	0.00
Target Compounds	Qvalue					
2) 1,4-Dioxane	3.375	88	25564	8.107	ng/uL#	22
5) Pyridine	3.781	79	174597	19.438	ng/u1#	35
6) Benzaldehyde	7.034	77	143312m	24.894	ng/u1	
8) Phenol	7.087	94	241836	20.584	ng/u1#	91
10) Bis(2-Chloroethyl)ether	7.316	93	193269	20.923	ng/u1#	73
12) 2-Chlorophenol	7.463	128	182887	21.023	ng/u1	96
13) 2-Methylphenol	8.340	108	181817	20.731	ng/u1	94
14) 2,2'-oxybis(1-Chloropr...	8.428	45	319152	21.199	ng/u1#	83
16) Acetophenone	8.722	105	309741	21.301	ng/u1#	78
17) N-Nitroso-di-n-propyla...	8.705	70	162739	20.912	ng/u1#	66
18) 4-Methylphenol	8.669	108	205072	21.156	ng/u1	94
19) Hexachloroethane	8.975	117	78898	20.853	ng/u1#	78
22) Nitrobenzene	9.099	77	243449	20.498	ng/u1#	83
23) Isophorone	9.628	82	461665	21.030	ng/u1#	97
25) 2-Nitrophenol	9.810	139	113516	21.585	ng/u1#	86
26) 2,4-Dimethylphenol	9.875	107	239699	21.005	ng/u1#	84
27) Bis(2-Chloroethoxy)met...	10.110	93	277162	21.204	ng/u1#	97
29) 2,4-Dichlorophenol	10.346	162	196834	21.258	ng/u1#	84
30) Naphthalene	10.746	128	640426	20.996	ng/u1	96
32) 4-Chloroaniline	10.857	127	273327	20.453	ng/u1	98
33) Hexachlorobutadiene	11.040	225	132829	20.244	ng/u1	98
34) Caprolactam	11.634	113	65724m	20.339	ng/u1	
35) 4-Chloro-3-methylphenol	11.981	107	231791m	21.399	ng/u1	
36) 2-Methylnaphthalene	12.357	142	452141	20.939	ng/u1	91

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.575	142	452115	20.737	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	12.728	216	257210	20.943	ng/ul	95
40) Hexachlorocyclopentadiene	12.710	237	120274	18.013	ng/ul	95
41) 2,4,6-Trichlorophenol	12.963	196	163264	21.327	ng/ul	85
42) 2,4,5-Trichlorophenol	13.040	196	181424	21.225	ng/ul	86
43) 1,1'-Biphenyl	13.363	154	622956	21.089	ng/ul#	93
44) 2-Chloronaphthalene	13.404	162	483019	21.171	ng/ul	93
45) 2-Nitroaniline	13.610	65	162436	21.633	ng/ul#	78
47) Dimethylphthalate	13.987	163	616207	20.951	ng/ul#	91
48) 2,6-Dinitrotoluene	14.104	165	127250	21.224	ng/ul	97
50) Acenaphthylene	14.251	152	782542	21.150	ng/ul	94
51) 3-Nitroaniline	14.434	138	119034	21.153	ng/ul#	84
52) Acenaphthene	14.592	153	507490	21.026	ng/ul	98
53) 2,4-Dinitrophenol	14.645	184	50451	15.072	ng/ul#	80
55) 4-Nitrophenol	14.740	109	97166	20.705	ng/ul#	44
56) Dibenzofuran	14.928	168	742462	20.990	ng/ul	99
57) 2,4-Dinitrotoluene	14.892	165	187020	21.668	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.157	232	156115	21.239	ng/ul#	87
59) Diethylphthalate	15.351	149	621812	20.719	ng/ul	94
61) Fluorene	15.575	166	608527	21.037	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.569	204	310689	20.648	ng/ul	97
63) 4-Nitroaniline	15.592	138	127199m	22.893	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.657	198	97164	18.805	ng/ul#	91
67) N-Nitrosodiphenylamine	15.787	169	523006	21.051	ng/ul	95
68) 4-Bromophenyl-phenylether	16.469	248	189770	20.800	ng/ul	96
69) Hexachlorobenzene	16.592	284	216910	20.669	ng/ul#	90
70) Atrazine	16.739	200	205473	20.644	ng/ul	92
71) Pentachlorophenol	16.934	266	126677m	19.237	ng/ul	
72) Phenanthrene	17.322	178	994530	21.035	ng/ul	98
74) Anthracene	17.416	178	1005597	21.202	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.334	216	274167	20.364	ng/uL#	86
76) Pentachlorobenzene	14.851	250	258328	21.147	ng/uL	92
77) Carbazole	17.686	167	889567	21.341	ng/ul#	96
78) Di-n-butylphthalate	18.233	149	1073458	21.144	ng/ul#	93
80) Fluoranthene	19.286	202	1226192	20.639	ng/ul	98
82) Pyrene	19.639	202	1267050	20.437	ng/ul	97
83) Butylbenzylphthalate	20.510	149	516427	20.831	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.280	252	404072	20.884	ng/ul#	97
85) Benzo(a)anthracene	21.351	228	1257254	20.885	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.274	149	763297	20.981	ng/ul#	82
87) Chrysene	21.404	228	1228977	20.755	ng/ul	99
89) Di-n-octyl phthalate	22.204	149	1316169	18.377	ng/ul	100
90) Benzo(b)fluoranthene	23.051	252	1296671	20.377	ng/ul	99
91) Benzo(k)fluoranthene	23.104	252	1252606	20.711	ng/ul#	98
93) Benzo(a)pyrene	23.686	252	1251649	21.170	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.327	276	1263483	22.716	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.345	278	1071214	22.196	ng/ul#	94
96) Benzo(g,h,i)perylene	27.104	276	1060430	22.833	ng/ul#	91

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

