

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050422\
 Data File : BP010224.D
 Acq On : 04 May 2022 15:45
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTD020788

Quant Time: May 05 02:44:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 03 00:58:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/05/2022
 Supervised By :mohammad ahmed 05/09/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	144479	20.000	ng/u1	0.00
20) Naphthalene-d8	10.722	136	602943	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.551	164	365602	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.304	188	695022	20.000	ng/u1	# 0.00
79) Chrysene-d12	21.386	240	661351	20.000	ng/u1	0.00
88) Perylene-d12	23.827	264	640380	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	27204m	8.211	ng/uL	0.00
4) Pyridine-d5	3.769	84	178945	19.199	ng/u1	0.00
7) Phenol-d5	7.081	99	247300	18.818	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	166474	21.111	ng/u1	0.00
11) 2-Chlorophenol-d4	7.452	132	197775	20.321	ng/u1	0.00
15) 4-Methylphenol-d8	8.628	113	200790	18.441	ng/u1	0.00
21) Nitrobenzene-d5	9.075	128	101754	21.219	ng/u1	0.00
24) 2-Nitrophenol-d4	9.799	143	109532	20.914	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	200574	19.672	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.857	131	250837	17.158	ng/u1	0.00
46) Dimethylphthalate-d6	13.957	166	562325	19.772	ng/u1	0.00
49) Acenaphthylene-d8	14.239	160	716217	20.808	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.745	143	76009	14.518	ng/u1	0.00
60) Fluorene-d10	15.545	176	479422	19.597	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	74788	17.018	ng/u1	0.00
73) Anthracene-d10	17.398	188	691741	20.573	ng/u1	-0.01
81) Pyrene-d10	19.633	212	799192	21.249	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.668	264	714309	21.277	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	27959	8.121	ng/uL#	20
5) Pyridine	3.793	79	191354	19.750	ng/u1#	43
6) Benzaldehyde	7.052	77	156550m	22.291	ng/u1	
8) Phenol	7.110	94	253163	19.172	ng/u1#	93
10) Bis(2-Chloroethyl)ether	7.340	93	211089	20.749	ng/u1#	76
12) 2-Chlorophenol	7.481	128	203313	20.710	ng/u1	95
13) 2-Methylphenol	8.363	108	192078	18.967	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.446	45	332640	22.036	ng/u1#	83
16) Acetophenone	8.740	105	327070	19.253	ng/u1#	79
17) N-Nitroso-di-n-propyla...	8.728	70	169958	19.096	ng/u1#	71
18) 4-Methylphenol	8.687	108	206360	18.507	ng/u1	89
19) Hexachloroethane	8.999	117	89636	21.729	ng/u1#	79
22) Nitrobenzene	9.116	77	248921	21.186	ng/u1#	83
23) Isophorone	9.646	82	450918	19.431	ng/u1#	97
25) 2-Nitrophenol	9.834	139	114105	20.571	ng/u1#	84
26) 2,4-Dimethylphenol	9.893	107	240049	19.989	ng/u1#	81
27) Bis(2-Chloroethoxy)met...	10.128	93	284092	20.886	ng/u1#	97
29) 2,4-Dichlorophenol	10.369	162	196066	20.005	ng/u1#	85
30) Naphthalene	10.769	128	662132	20.982	ng/u1	97
32) 4-Chloroaniline	10.881	127	251516	17.459	ng/u1	96
33) Hexachlorobutadiene	11.063	225	151607	21.826	ng/u1	96
34) Caprolactam	11.651	113	49381m	14.007	ng/u1	
35) 4-Chloro-3-methylphenol	12.004	107	207105	17.492	ng/u1#	69
36) 2-Methylnaphthalene	12.381	142	448140	19.580	ng/u1	89

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.598	142	451482	19.428	ng/ul#	93
39) 1,2,4,5-Tetrachloroben...	12.745	216	259881	23.008	ng/ul	94
40) Hexachlorocyclopentadiene	12.728	237	140562	22.082	ng/ul	96
41) 2,4,6-Trichlorophenol	12.987	196	153132	20.953	ng/ul#	83
42) 2,4,5-Trichlorophenol	13.057	196	161360	20.293	ng/ul#	86
43) 1,1'-Biphenyl	13.387	154	594521	22.048	ng/ul#	92
44) 2-Chloronaphthalene	13.428	162	457904	21.943	ng/ul	93
45) 2-Nitroaniline	13.628	65	127944	18.908	ng/ul#	77
47) Dimethylphthalate	14.004	163	545164	19.724	ng/ul#	92
48) 2,6-Dinitrotoluene	14.122	165	107699	18.987	ng/ul	94
50) Acenaphthylene	14.269	152	712625	20.902	ng/ul	95
51) 3-Nitroaniline	14.451	138	59750m	11.628	ng/ul	
52) Acenaphthene	14.616	153	455327	20.538	ng/ul	97
53) 2,4-Dinitrophenol	14.663	184	38955	12.290	ng/ul#	80
55) 4-Nitrophenol	14.757	109	65396	14.377	ng/ul#	53
56) Dibenzofuran	14.945	168	656665	20.003	ng/ul	99
57) 2,4-Dinitrotoluene	14.910	165	146978	17.737	ng/ul#	77
58) 2,3,4,6-Tetrachlorophenol	15.175	232	131577m	18.615	ng/ul	
59) Diethylphthalate	15.369	149	534518	19.013	ng/ul	93
61) Fluorene	15.598	166	518753	19.247	ng/ul	89
62) 4-Chlorophenyl-phenyle...	15.592	204	281341	19.834	ng/ul	99
63) 4-Nitroaniline	15.616	138	56736m	11.348	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.675	198	76185	17.968	ng/ul#	89
67) N-Nitrosodiphenylamine	15.804	169	443576	22.243	ng/ul	94
68) 4-Bromophenyl-phenylether	16.486	248	163613	22.070	ng/ul	95
69) Hexachlorobenzene	16.610	284	183158	21.285	ng/ul#	87
70) Atrazine	16.763	200	159192	19.635	ng/ul	92
71) Pentachlorophenol	16.951	266	97037	17.707	ng/ul#	84
72) Phenanthrene	17.345	178	782546	20.715	ng/ul	99
74) Anthracene	17.433	178	790898	20.786	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.351	216	265820	26.198	ng/uL#	86
76) Pentachlorobenzene	14.875	250	235183	23.637	ng/uL	91
77) Carbazole	17.704	167	658665	19.562	ng/ul#	95
78) Di-n-butylphthalate	18.257	149	851407	20.553	ng/ul#	92
80) Fluoranthene	19.310	202	906125	21.359	ng/ul#	96
82) Pyrene	19.663	202	939601	21.498	ng/ul	95
83) Butylbenzylphthalate	20.533	149	367075m	20.318	ng/ul	
84) 3,3'-Dichlorobenzidine	21.298	252	242963	20.417	ng/ul#	98
85) Benzo(a)anthracene	21.369	228	880993	20.990	ng/ul	94
86) Bis(2-ethylhexyl)phtha...	21.292	149	552401	20.630	ng/ul#	82
87) Chrysene	21.421	228	873245	21.130	ng/ul	98
89) Di-n-octyl phthalate	22.227	149	907206	18.223	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	902361	20.960	ng/ul	99
91) Benzo(k)fluoranthene	23.133	252	825239	20.236	ng/ul#	98
93) Benzo(a)pyrene	23.721	252	855607	21.492	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.374	276	945853	23.883	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.398	278	809381	23.884	ng/ul#	96
96) Benzo(g,h,i)perylene	27.156	276	810447	24.253	ng/ul#	90

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

