

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050522\
 Data File : BP010241.D
 Acq On : 05 May 2022 11:48
 Operator : CG/JU
 Sample : PB144597BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS597

Quant Time: May 10 08:37:54 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP042122.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 06 01:05:07 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/10/2022
 Supervised By :mohammad ahmed 05/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	155046	20.000	ng/ul	0.00
20) Naphthalene-d8	10.722	136	679206	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.551	164	446062	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.298	188	839324	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.386	240	608439	20.000	ng/ul	# 0.00
88) Perylene-d12	23.821	264	585985	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.358	96	23197m	6.524	ng/uL	0.00
4) Pyridine-d5	3.769	84	263501	26.344	ng/ul	0.00
7) Phenol-d5	7.081	99	439707	31.179	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.246	67	297796	35.191	ng/ul	0.00
11) 2-Chlorophenol-d4	7.446	132	357944	34.271	ng/ul	0.00
15) 4-Methylphenol-d8	8.628	113	375875	32.168	ng/ul	0.00
21) Nitrobenzene-d5	9.075	128	188366	34.869	ng/ul	0.00
24) 2-Nitrophenol-d4	9.799	143	203575	34.506	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.340	165	374084	32.571	ng/ul	0.00
31) 4-Chloroaniline-d4	10.857	131	344208	20.901	ng/ul	0.00
46) Dimethylphthalate-d6	13.957	166	1176952	33.919	ng/ul	0.00
49) Acenaphthylene-d8	14.239	160	1358847	32.357	ng/ul	0.00
54) 4-Nitrophenol-d4	14.745	143	165355	25.886	ng/ul	0.00
60) Fluorene-d10	15.545	176	980844	32.861	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.663	200	172445	32.493	ng/ul	0.00
73) Anthracene-d10	17.398	188	1383650	34.075	ng/ul	0.00
81) Pyrene-d10	19.633	212	1360869	39.329	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.668	264	1115977	36.327	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.393	88	45367	12.279	ng/uL#	14
5) Pyridine	3.787	79	326183	31.372	ng/ul#	39
6) Benzaldehyde	7.052	77	298285	39.578	ng/ul	94
8) Phenol	7.110	94	458938	32.387	ng/ul#	92
10) Bis(2-Chloroethyl)ether	7.340	93	365357	33.466	ng/ul#	77
12) 2-Chlorophenol	7.481	128	361854	34.348	ng/ul	94
13) 2-Methylphenol	8.357	108	349460	32.156	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.446	45	587467	36.264	ng/ul#	83
16) Acetophenone	8.740	105	576407	31.618	ng/ul#	78
17) N-Nitroso-di-n-propyla...	8.728	70	317624	33.254	ng/ul#	74
18) 4-Methylphenol	8.693	108	381614	31.892	ng/ul	93
19) Hexachloroethane	8.999	117	152931	34.546	ng/ul#	81
22) Nitrobenzene	9.116	77	456354	34.480	ng/ul#	82
23) Isophorone	9.651	82	859942	32.896	ng/ul#	97
25) 2-Nitrophenol	9.834	139	212281	33.973	ng/ul#	87
26) 2,4-Dimethylphenol	9.893	107	443288	32.768	ng/ul#	80
27) Bis(2-Chloroethoxy)met...	10.128	93	520937	33.999	ng/ul#	97
29) 2,4-Dichlorophenol	10.369	162	367699	33.304	ng/ul#	84
30) Naphthalene	10.769	128	1205477	33.910	ng/ul	97
32) 4-Chloroaniline	10.875	127	476829	29.383	ng/ul	98
33) Hexachlorobutadiene	11.063	225	267010	34.124	ng/ul	96
34) Caprolactam	11.657	113	116279	29.279	ng/ul#	2
35) 4-Chloro-3-methylphenol	12.004	107	416576	31.234	ng/ul#	68
36) 2-Methylnaphthalene	12.375	142	847505	32.872	ng/ul	92

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37) 1-Methylnaphthalene	12.598	142	858569	32.797	ng/ul#	96
39) 1,2,4,5-Tetrachloroben...	12.745	216	488342	35.435	ng/ul#	93
40) Hexachlorocyclopentadiene	12.728	237	268226	34.536	ng/ul	95
41) 2,4,6-Trichlorophenol	12.987	196	304974	34.203	ng/ul#	81
42) 2,4,5-Trichlorophenol	13.057	196	330851	34.103	ng/ul#	87
43) 1,1'-Biphenyl	13.387	154	1161122	35.293	ng/ul	93
44) 2-Chloronaphthalene	13.428	162	880845	34.597	ng/ul	94
45) 2-Nitroaniline	13.628	65	278983	33.793	ng/ul#	80
47) Dimethylphthalate	14.004	163	1123918	33.328	ng/ul#	93
48) 2,6-Dinitrotoluene	14.122	165	232779	33.636	ng/ul	94
50) Acenaphthylene	14.269	152	1412553	33.958	ng/ul	96
51) 3-Nitroaniline	14.451	138	211971m	33.812	ng/ul	
52) Acenaphthene	14.610	153	913363	33.768	ng/ul	97
53) 2,4-Dinitrophenol	14.657	184	99772	25.799	ng/ul#	78
55) 4-Nitrophenol	14.757	109	141549	25.505	ng/ul#	40
56) Dibenzofuran	14.945	168	1320630	32.972	ng/ul	99
57) 2,4-Dinitrotoluene	14.910	165	316337	31.289	ng/ul#	82
58) 2,3,4,6-Tetrachlorophenol	15.175	232	268561	31.142	ng/ul#	86
59) Diethylphthalate	15.369	149	1145325	33.391	ng/ul	93
61) Fluorene	15.598	166	1057639	32.162	ng/ul	91
62) 4-Chlorophenyl-phenyle...	15.592	204	566962	32.760	ng/ul	99
63) 4-Nitroaniline	15.616	138	205765m	33.731	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.675	198	166832	32.582	ng/ul#	88
67) N-Nitrosodiphenylamine	15.804	169	926086	38.455	ng/ul	95
68) 4-Bromophenyl-phenylether	16.486	248	338767	37.840	ng/ul	94
69) Hexachlorobenzene	16.610	284	373013	35.896	ng/ul#	90
70) Atrazine	16.763	200	336807	34.400	ng/ul#	90
71) Pentachlorophenol	16.951	266	202067	30.534	ng/ul#	85
72) Phenanthrene	17.345	178	1551206	34.003	ng/ul	99
74) Anthracene	17.433	178	1546628	33.659	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.351	216	491108	40.080	ng/uL#	86
76) Pentachlorobenzene	14.869	250	460282	38.306	ng/uL	92
77) Carbazole	17.704	167	1266883	31.157	ng/ul#	96
78) Di-n-butylphthalate	18.257	149	1749876	34.980	ng/ul#	92
80) Fluoranthene	19.304	202	1589756	40.733	ng/ul	97
82) Pyrene	19.663	202	1591693	39.584	ng/ul#	94
83) Butylbenzylphthalate	20.527	149	615452	37.028	ng/ul#	82
84) 3,3'-Dichlorobenzidine	21.298	252	438618	40.065	ng/ul#	96
85) Benzo(a)anthracene	21.369	228	1361218	35.253	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.292	149	864489	35.093	ng/ul#	82
87) Chrysene	21.421	228	1373662	36.129	ng/ul	99
89) Di-n-octyl phthalate	22.227	149	1394656	30.615	ng/ul	100
90) Benzo(b)fluoranthene	23.080	252	1379783	35.025	ng/ul	100
91) Benzo(k)fluoranthene	23.127	252	1299228	34.817	ng/ul#	97
93) Benzo(a)pyrene	23.715	252	1330141	36.513	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.374	276	1469522	40.550	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.392	278	1272457	41.035	ng/ul#	94
96) Benzo(g,h,i)perylene	27.156	276	1284507	42.007	ng/ul#	91

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

