

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052722\
 Data File : BP010577.D
 Acq On : 27 May 2022 12:57
 Operator : CG/JU
 Sample : PB145142BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS142

Quant Time: May 28 00:15:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:50:40 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2022
 Supervised By :mohammad ahmed 05/31/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	135981	20.000	ng/ul	0.00
20) Naphthalene-d8	10.675	136	604487	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.510	164	416871	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.263	188	940800	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.351	240	952497	20.000	ng/ul	# 0.00
88) Perylene-d12	23.768	264	826142	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.334	96	18239m	5.717	ng/uL	0.00
4) Pyridine-d5	3.746	84	268280	29.617	ng/ul	-0.01
7) Phenol-d5	7.046	99	360904	31.622	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.210	67	243990	31.819	ng/ul	0.00
11) 2-Chlorophenol-d4	7.410	132	281530	32.236	ng/ul	-0.01
15) 4-Methylphenol-d8	8.587	113	304945	31.440	ng/ul	-0.01
21) Nitrobenzene-d5	9.040	128	149682	31.995	ng/ul	0.00
24) 2-Nitrophenol-d4	9.763	143	165234	33.327	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.299	165	299362	31.933	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.816	131	335942	24.101	ng/ul	-0.01
46) Dimethylphthalate-d6	13.922	166	1009884	32.881	ng/ul	0.00
49) Acenaphthylene-d8	14.204	160	1160231	32.749	ng/ul	0.00
54) 4-Nitrophenol-d4	14.716	143	172146	31.489	ng/ul	0.00
60) Fluorene-d10	15.504	176	864501	32.354	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.628	200	176366	32.054	ng/ul	-0.01
73) Anthracene-d10	17.363	188	1387618	32.573	ng/ul	0.00
81) Pyrene-d10	19.598	212	1698777	33.583	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.610	264	1429000	34.447	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.370	88	38319	11.595	ng/uL#	1
5) Pyridine	3.770	79	263372	27.977	ng/ul#	32
6) Benzaldehyde	7.016	77	237301m	39.331	ng/ul	
8) Phenol	7.075	94	369849	30.038	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.305	93	289276	29.881	ng/ul#	73
12) 2-Chlorophenol	7.446	128	273347	29.982	ng/ul	97
13) 2-Methylphenol	8.322	108	277428	30.182	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.410	45	497105	31.507	ng/ul#	81
16) Acetophenone	8.705	105	459465	30.150	ng/ul#	77
17) N-Nitroso-di-n-propyla...	8.693	70	258170	31.654	ng/ul#	71
18) 4-Methylphenol	8.652	108	302178	29.745	ng/ul	93
19) Hexachloroethane	8.957	117	118961	30.001	ng/ul#	79
22) Nitrobenzene	9.081	77	367820	29.918	ng/ul#	83
23) Isophorone	9.610	82	708718	31.188	ng/ul#	98
25) 2-Nitrophenol	9.793	139	167854	30.833	ng/ul#	85
26) 2,4-Dimethylphenol	9.857	107	350495	29.672	ng/ul#	77
27) Bis(2-Chloroethoxy)met...	10.087	93	413727	30.578	ng/ul#	97
29) 2,4-Dichlorophenol	10.328	162	293181m	30.588	ng/ul	
30) Naphthalene	10.728	128	933900	29.579	ng/ul	97
32) 4-Chloroaniline	10.840	127	391506	28.301	ng/ul	96
33) Hexachlorobutadiene	11.016	225	200124	29.465	ng/ul	94
34) Caprolactam	11.616	113	106314	31.783	ng/ul#	1
35) 4-Chloro-3-methylphenol	11.969	107	349558	31.176	ng/ul#	69
36) 2-Methylnaphthalene	12.334	142	665261	29.763	ng/ul	90

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052722\
 Data File : BP010577.D
 Acq On : 27 May 2022 12:57
 Operator : CG/JU
 Sample : PB145142BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS142

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 05/31/2022
 Supervised By :mohammad ahmed 05/31/2022

Quant Time: May 28 00:15:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP051322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 24 05:50:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.557	142	678910	30.082	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.704	216	374010	29.400	ng/ul#	93
40) Hexachlorocyclopentadiene	12.687	237	182445	26.379	ng/ul	97
41) 2,4,6-Trichlorophenol	12.945	196	245495	30.958	ng/ul#	84
42) 2,4,5-Trichlorophenol	13.022	196	272819	30.813	ng/ul#	86
43) 1,1'-Biphenyl	13.345	154	926517	30.280	ng/ul#	93
44) 2-Chloronaphthalene	13.387	162	714499	30.233	ng/ul	95
45) 2-Nitroaniline	13.593	65	268438	34.512	ng/ul#	74
47) Dimethylphthalate	13.969	163	946794	31.077	ng/ul#	93
48) 2,6-Dinitrotoluene	14.087	165	201647	32.469	ng/ul	99
50) Acenaphthylene	14.234	152	1170608	30.544	ng/ul	95
51) 3-Nitroaniline	14.416	138	204044	35.006	ng/ul#	83
52) Acenaphthene	14.575	153	759954	30.396	ng/ul	98
53) 2,4-Dinitrophenol	14.628	184	98394	28.377	ng/ul#	74
55) 4-Nitrophenol	14.728	109	149374	30.729	ng/ul#	41
56) Dibenzofuran	14.910	168	1115688	30.450	ng/ul	99
57) 2,4-Dinitrotoluene	14.881	165	293465	32.825	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	15.140	232	239229	31.421	ng/ul#	85
59) Diethylphthalate	15.334	149	988373	31.794	ng/ul#	92
61) Fluorene	15.563	166	927409	30.951	ng/ul	92
62) 4-Chlorophenyl-phenyle...	15.557	204	474275	30.429	ng/ul	97
63) 4-Nitroaniline	15.581	138	209180	36.345	ng/ul#	80
66) 4,6-Dinitro-2-methylph...	15.645	198	165685	30.195	ng/ul#	87
67) N-Nitrosodiphenylamine	15.769	169	805407	30.526	ng/ul	95
68) 4-Bromophenyl-phenylether	16.451	248	291792	30.116	ng/ul	96
69) Hexachlorobenzene	16.575	284	327612	29.396	ng/ul#	88
70) Atrazine	16.728	200	310000	29.329	ng/ul#	90
71) Pentachlorophenol	16.916	266	208558	29.824	ng/ul#	82
72) Phenanthrene	17.304	178	1534918	30.571	ng/ul	98
74) Anthracene	17.398	178	1547996	30.733	ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.310	216	405439	28.357	ng/uL#	86
76) Pentachlorobenzene	14.834	250	383087	29.531	ng/uL	90
77) Carbazole	17.669	167	1375568	31.075	ng/ul#	95
78) Di-n-butylphthalate	18.222	149	1752978	32.515	ng/ul#	93
80) Fluoranthene	19.275	202	1890186	32.155	ng/ul	97
82) Pyrene	19.628	202	1956438	31.892	ng/ul	96
83) Butylbenzylphthalate	20.498	149	835659	34.067	ng/ul#	81
84) 3,3'-Dichlorobenzidine	21.263	252	579506	30.271	ng/ul#	95
85) Benzo(a)anthracene	21.333	228	1888318	31.703	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.257	149	1218612	33.854	ng/ul#	81
87) Chrysene	21.386	228	1805195	30.812	ng/ul	99
89) Di-n-octyl phthalate	22.186	149	2094440	33.794	ng/ul	100
90) Benzo(b)fluoranthene	23.033	252	1805482	32.788	ng/ul	100
91) Benzo(k)fluoranthene	23.080	252	1688626	32.266	ng/ul#	98
93) Benzo(a)pyrene	23.663	252	1646137	32.176	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	26.286	276	1560307	32.419	ng/ul#	93
95) Dibenzo(a,h)anthracene	26.304	278	1333195	31.923	ng/ul#	94
96) Benzo(g,h,i)perylene	27.062	276	1305273	32.479	ng/ul#	90

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

