

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062422\
 Data File : BP010818.D
 Acq On : 25 Jun 2022 05:07
 Operator : CG/JU
 Sample : PB145654BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS654

Quant Time: Jun 25 06:18:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 24 22:42:26 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 06/27/2022
 Supervised By :mohammad ahmed 06/29/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	442785	20.000	ng/ul	0.00
20) Naphthalene-d8	10.522	136	1753816	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.380	164	903043	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.145	188	1616405	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.256	240	1488417	20.000	ng/ul	# 0.00
88) Perylene-d12	23.633	264	1683906	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.210	96	74866	6.396	ng/uL	0.00
4) Pyridine-d5	3.616	84	1003186	32.197	ng/ul	0.01
7) Phenol-d5	6.916	99	1182312	33.731	ng/ul	0.02
9) Bis-(2-Chloroethyl)eth...	7.069	67	733805	32.011	ng/ul	0.00
11) 2-Chlorophenol-d4	7.263	132	1022309	35.154	ng/ul	0.01
15) 4-Methylphenol-d8	8.457	113	932387	33.650	ng/ul	0.02
21) Nitrobenzene-d5	8.887	128	467054	41.833	ng/ul	0.00
24) 2-Nitrophenol-d4	9.610	143	475545	51.483	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.151	165	809092	35.451	ng/ul	0.01
31) 4-Chloroaniline-d4	10.669	131	1141935	30.652	ng/ul	0.01
46) Dimethylphthalate-d6	13.804	166	2064968	33.382	ng/ul	0.00
49) Acenaphthylene-d8	14.075	160	2635742	33.385	ng/ul	0.00
54) 4-Nitrophenol-d4	14.616	143	345530	35.762	ng/ul	0.03
60) Fluorene-d10	15.380	176	1729057	32.572	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.504	200	213287	39.827	ng/ul	0.00
73) Anthracene-d10	17.245	188	2448472	34.046	ng/ul	0.00
81) Pyrene-d10	19.492	212	2701813	33.319	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.480	264	2991325	35.949	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	149244	11.956	ng/uL#	83
5) Pyridine	3.640	79	959173	30.389	ng/ul#	71
6) Benzaldehyde	6.875	77	811652	43.887	ng/ul	94
8) Phenol	6.945	94	1181388	31.513	ng/ul#	83
10) Bis(2-Chloroethyl)ether	7.157	93	941883	31.283	ng/ul	89
12) 2-Chlorophenol	7.298	128	987198	32.886	ng/ul#	90
13) 2-Methylphenol	8.187	108	869267	31.146	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.257	45	1181881m	29.256	ng/ul	
16) Acetophenone	8.551	105	1357634	31.905	ng/ul#	87
17) N-Nitroso-di-n-propyla...	8.545	70	645812	30.014	ng/ul#	85
18) 4-Methylphenol	8.516	108	915003	31.481	ng/ul	96
19) Hexachloroethane	8.798	117	393653	32.381	ng/ul#	83
22) Nitrobenzene	8.934	77	996102	35.751	ng/ul#	87
23) Isophorone	9.463	82	1772805	30.341	ng/ul	96
25) 2-Nitrophenol	9.639	139	493941	44.158	ng/ul#	79
26) 2,4-Dimethylphenol	9.716	107	931407	30.477	ng/ul	94
27) Bis(2-Chloroethoxy)met...	9.951	93	1152217	31.260	ng/ul	98
29) 2,4-Dichlorophenol	10.181	162	783794	33.050	ng/ul	99
30) Naphthalene	10.575	128	2920037	31.945	ng/ul	99
32) 4-Chloroaniline	10.692	127	1086070	29.424	ng/ul	100
33) Hexachlorobutadiene	10.857	225	480935	31.742	ng/ul	95
34) Caprolactam	11.492	113	237593	31.891	ng/ul	80
35) 4-Chloro-3-methylphenol	11.839	107	802173	31.209	ng/ul	93
36) 2-Methylnaphthalene	12.192	142	1808970	30.562	ng/ul	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.410	142	1797385	30.566	ng/ul#	100
39) 1,2,4,5-Tetrachloroben...	12.557	216	838119	32.297	ng/ul	99
40) Hexachlorocyclopentadiene	12.539	237	512111	31.143	ng/ul	97
41) 2,4,6-Trichlorophenol	12.816	196	535608	35.800	ng/ul	100
42) 2,4,5-Trichlorophenol	12.886	196	572118	35.635	ng/ul	100
43) 1,1'-Biphenyl	13.216	154	2238130	31.483	ng/ul	98
44) 2-Chloronaphthalene	13.251	162	1737255	32.440	ng/ul	99
45) 2-Nitroaniline	13.469	65	460816	40.557	ng/ul#	75
47) Dimethylphthalate	13.851	163	1970197	31.803	ng/ul	99
48) 2,6-Dinitrotoluene	13.969	165	393056	42.346	ng/ul	90
50) Acenaphthylene	14.104	152	2658208	30.743	ng/ul	99
51) 3-Nitroaniline	14.298	138	431970	38.819	ng/ul	89
52) Acenaphthene	14.445	153	1811672	32.473	ng/ul	99
53) 2,4-Dinitrophenol	14.498	184	94566	26.538	ng/ul#	81
55) 4-Nitrophenol	14.633	109	239487m	31.172	ng/ul	
56) Dibenzofuran	14.780	168	2368974	30.999	ng/ul	96
57) 2,4-Dinitrotoluene	14.757	165	534945	43.131	ng/ul#	79
58) 2,3,4,6-Tetrachlorophenol	15.016	232	383176	33.328	ng/ul	93
59) Diethylphthalate	15.222	149	1956291	31.764	ng/ul	98
61) Fluorene	15.433	166	1905003	31.263	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.439	204	889239	31.174	ng/ul	99
63) 4-Nitroaniline	15.469	138	462140m	44.917	ng/ul	
66) 4,6-Dinitro-2-methylph...	15.516	198	209240	36.157	ng/ul	100
67) N-Nitrosodiphenylamine	15.657	169	1585689	32.389	ng/ul	99
68) 4-Bromophenyl-phenylether	16.339	248	536391	33.112	ng/ul	95
69) Hexachlorobenzene	16.439	284	603952	32.188	ng/ul	98
70) Atrazine	16.627	200	538436	33.172	ng/ul	99
71) Pentachlorophenol	16.798	266	125939	13.035	ng/ul	95
72) Phenanthrene	17.186	178	2781912	32.318	ng/ul	99
74) Anthracene	17.280	178	2822274	32.599	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.169	216	859606	32.227	ng/uL	98
76) Pentachlorobenzene	14.698	250	761555	33.290	ng/uL	99
77) Carbazole	17.557	167	2615482	33.562	ng/ul	99
78) Di-n-butylphthalate	18.127	149	3182386	34.269	ng/ul	98
80) Fluoranthene	19.168	202	3087055	30.954	ng/ul#	89
82) Pyrene	19.521	202	3188867	31.662	ng/ul#	85
83) Butylbenzylphthalate	20.421	149	1467902	41.406	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.180	252	1171324	38.111	ng/ul#	97
85) Benzo(a)anthracene	21.239	228	3130460	33.629	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.186	149	2098403	37.379	ng/ul#	97
87) Chrysene	21.292	228	2972326	33.321	ng/ul	99
89) Di-n-octyl phthalate	22.109	149	3740106	37.419	ng/ul	100
90) Benzo(b)fluoranthene	22.903	252	3598890	34.368	ng/ul#	96
91) Benzo(k)fluoranthene	22.956	252	3347131	33.627	ng/ul#	96
93) Benzo(a)pyrene	23.527	252	3144803	30.872	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.103	276	4387452	35.694	ng/ul#	91
95) Dibenzo(a,h)anthracene	26.121	278	3684461	34.945	ng/ul#	94
96) Benzo(g,h,i)perylene	26.856	276	3616690	34.590	ng/ul#	90

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

