

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070623\
 Data File : BP016059.D
 Acq On : 07 Jul 2023 07:07
 Operator : MA/JU
 Sample : PB153600BS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS600

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/07/2023
 Supervised By :Sohil Jodhani 07/07/2023

Quant Time: Jul 07 07:59:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jul 06 23:18:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	210129	20.000	ng/u1	0.00
20) Naphthalene-d8	10.840	136	962633	20.000	ng/u1	#-0.01
38) Acenaphthene-d10	14.669	164	611140	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.433	188	1342588	20.000	ng/u1	#-0.01
79) Chrysene-d12	21.533	240	1071039	20.000	ng/u1	0.00
88) Perylene-d12	24.080	264	931707	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	41298	7.071	ng/uL	0.00
4) Pyridine-d5	3.793	84	546369	37.111	ng/u1	-0.01
7) Phenol-d5	7.205	99	738605	41.082	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.346	67	492559	44.282	ng/u1	-0.01
11) 2-Chlorophenol-d4	7.552	132	569547	41.966	ng/u1	-0.01
15) 4-Methylphenol-d8	8.757	113	614011	43.231	ng/u1	-0.01
21) Nitrobenzene-d5	9.210	128	294727	40.062	ng/u1	0.00
24) 2-Nitrophenol-d4	9.934	143	333127	38.798	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.493	165	577569	37.748	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.010	131	790417	40.214	ng/u1	-0.01
46) Dimethylphthalate-d6	14.081	166	1868893	39.565	ng/u1	0.00
49) Acenaphthylene-d8	14.369	160	2095974	39.472	ng/u1	0.00
54) 4-Nitrophenol-d4	14.940	143	229889	36.879	ng/u1	-0.02
60) Fluorene-d10	15.669	176	1528394	39.296	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.839	200	309494	37.484	ng/u1	-0.01
73) Anthracene-d10	17.539	188	2378198	38.779	ng/u1	0.00
81) Pyrene-d10	19.769	212	2696324	38.554	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.904	264	1942456	41.329	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.387	88	89515	14.242	ng/uL	96
5) Pyridine	3.817	79	543486	35.287	ng/u1	97
6) Benzaldehyde	7.169	77	455773	62.702	ng/u1	98
8) Phenol	7.234	94	804630	43.127	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.440	93	641273	43.200	ng/u1	97
12) 2-Chlorophenol	7.587	128	584829	40.560	ng/u1	98
13) 2-Methylphenol	8.487	108	603558	42.847	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.557	45	968786	47.783	ng/u1	98
16) Acetophenone	8.869	105	1000642	42.858	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.840	70	559703	43.162	ng/u1	98
18) 4-Methylphenol	8.828	108	664279	43.890	ng/u1	100
19) Hexachloroethane	9.093	117	257265	38.632	ng/u1	92
22) Nitrobenzene	9.252	77	805329	38.981	ng/u1	98
23) Isophorone	9.775	82	1589259	40.199	ng/u1	98
25) 2-Nitrophenol	9.969	139	356767	39.151	ng/u1	94
26) 2,4-Dimethylphenol	10.028	107	718190	35.852	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.252	93	933748	41.838	ng/u1	98
29) 2,4-Dichlorophenol	10.522	162	579285	38.081	ng/u1	98
30) Naphthalene	10.893	128	1976333	37.766	ng/u1	100
32) 4-Chloroaniline	11.034	127	698300	34.195	ng/u1	97
33) Hexachlorobutadiene	11.151	225	361201	31.443	ng/u1	98
34) Caprolactam	11.857	113	212580m	45.686	ng/u1	
35) 4-Chloro-3-methylphenol	12.169	107	703031	39.483	ng/u1	99
36) 2-Methylnaphthalene	12.504	142	1318666	38.278	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.722	142	1346074	38.303	ng/ul#	98
39) 1,2,4,5-Tetrachloroben...	12.875	216	702560	34.885	ng/ul	99
40) Hexachlorocyclopentadiene	12.822	237	198977	33.026	ng/ul	98
41) 2,4,6-Trichlorophenol	13.134	196	450531	35.398	ng/ul	97
42) 2,4,5-Trichlorophenol	13.222	196	498200	36.904	ng/ul	96
43) 1,1'-Biphenyl	13.504	154	1811111	37.415	ng/ul#	98
44) 2-Chloronaphthalene	13.557	162	1419875	37.235	ng/ul	97
45) 2-Nitroaniline	13.793	65	517658	43.143	ng/ul	93
47) Dimethylphthalate	14.128	163	1876297	38.382	ng/ul	99
48) 2,6-Dinitrotoluene	14.281	165	399069	40.244	ng/ul	96
50) Acenaphthylene	14.398	152	2239479	38.276	ng/ul	99
51) 3-Nitroaniline	14.628	138	386938	49.759	ng/ul	95
52) Acenaphthene	14.734	153	1554459	38.313	ng/ul	99
53) 2,4-Dinitrophenol	14.863	184	188051	35.745	ng/ul	90
55) 4-Nitrophenol	14.957	109	261773	40.524	ng/ul	82
56) Dibenzofuran	15.075	168	2135718	37.920	ng/ul	98
57) 2,4-Dinitrotoluene	15.087	165	562407	41.619	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.316	232	403530	34.800	ng/ul	99
59) Diethylphthalate	15.487	149	1956505	39.549	ng/ul	98
61) Fluorene	15.728	166	1758434	38.491	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.710	204	854817	36.568	ng/ul	96
63) 4-Nitroaniline	15.804	138	361507	67.925	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.857	198	310505	37.168	ng/ul	98
67) N-Nitrosodiphenylamine	15.934	169	1504699	37.437	ng/ul	99
68) 4-Bromophenyl-phenylether	16.610	248	543226	35.432	ng/ul	89
69) Hexachlorobenzene	16.734	284	622317	34.401	ng/ul	96
70) Atrazine	16.898	200	243365	15.818	ng/ul	97
71) Pentachlorophenol	17.104	266	252510	29.083	ng/ul	95
72) Phenanthrene	17.481	178	2812324	38.558	ng/ul	100
74) Anthracene	17.575	178	2846415	38.838	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.475	216	710659	32.529	ng/uL	98
76) Pentachlorobenzene	14.998	250	717095	32.523	ng/uL	100
77) Carbazole	17.863	167	2587036	41.881	ng/ul	99
78) Di-n-butylphthalate	18.363	149	3407110	41.605	ng/ul	100
80) Fluoranthene	19.445	202	3217298	37.016	ng/ul#	94
82) Pyrene	19.798	202	3343969	37.716	ng/ul#	89
83) Butylbenzylphthalate	20.639	149	1502813	41.547	ng/ul	91
84) 3,3'-Dichlorobenzidine	21.445	252	984198	40.650	ng/ul	99
85) Benzo(a)anthracene	21.516	228	2865082	38.027	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.386	149	2088798	42.019	ng/ul	99
87) Chrysene	21.574	228	2864963	40.080	ng/ul	99
89) Di-n-octyl phthalate	22.345	149	3301990	48.494	ng/ul	100
90) Benzo(b)fluoranthene	23.280	252	2465474m	41.183	ng/ul	
91) Benzo(k)fluoranthene	23.333	252	2516936	41.611	ng/ul#	97
93) Benzo(a)pyrene	23.963	252	2110967	40.355	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.762	276	2359633	33.228	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.768	278	1936743	33.204	ng/ul#	95
96) Benzo(g,h,i)perylene	27.604	276	1885612	32.277	ng/ul#	95

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

