

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP070823\
 Data File : BP016121.D
 Acq On : 09 Jul 2023 08:18
 Operator : MA/JU
 Sample : PB153890BS
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS890

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/10/2023
 Supervised By :mohammad ahmed 07/10/2023

Quant Time: Jul 09 23:14:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP062623.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jul 08 10:11:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.016	152	208251	20.000	ng/u1	-0.01
20) Naphthalene-d8	10.834	136	966673	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.663	164	653565	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.427	188	1512109	20.000	ng/u1	#-0.02
79) Chrysene-d12	21.527	240	1467738	20.000	ng/u1	-0.01
88) Perylene-d12	24.068	264	1531922	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	24507	4.234	ng/uL	0.00
4) Pyridine-d5	3.793	84	338831	23.222	ng/u1	-0.01
7) Phenol-d5	7.198	99	464369	26.061	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.340	67	300392	27.250	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.545	132	349950	26.018	ng/u1	-0.02
15) 4-Methylphenol-d8	8.757	113	358178	25.446	ng/u1	-0.01
21) Nitrobenzene-d5	9.204	128	172829	23.394	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.934	143	196739	22.817	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.498	165	350424	22.807	ng/u1	0.00
31) 4-Chloroaniline-d4	11.016	131	469119	23.768	ng/u1	0.00
46) Dimethylphthalate-d6	14.075	166	1150444	22.774	ng/u1	-0.01
49) Acenaphthylene-d8	14.363	160	1298162	22.860	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.963	143	64595m	9.690	ng/u1	0.00
60) Fluorene-d10	15.663	176	971924	23.367	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.845	200	181431	19.510	ng/u1	0.00
73) Anthracene-d10	17.533	188	1589832	23.018	ng/u1	-0.01
81) Pyrene-d10	19.768	212	1937176	20.213	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.892	264	1817087	23.514	ng/u1	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.381	88	55722	8.946	ng/uL	97
5) Pyridine	3.810	79	334749	21.931	ng/u1	97
6) Benzaldehyde	7.175	77	251345	34.890	ng/u1	96
8) Phenol	7.228	94	480050	25.962	ng/u1	94
10) Bis(2-Chloroethyl)ether	7.440	93	383141	26.043	ng/u1	99
12) 2-Chlorophenol	7.581	128	355387	24.870	ng/u1	98
13) 2-Methylphenol	8.481	108	363429	26.032	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.545	45	592764	29.500	ng/u1	100
16) Acetophenone	8.863	105	602529	26.039	ng/u1	93
17) N-Nitroso-di-n-propyla...	8.834	70	326536	25.408	ng/u1	99
18) 4-Methylphenol	8.828	108	393625	26.242	ng/u1	99
19) Hexachloroethane	9.081	117	161058	24.403	ng/u1	89
22) Nitrobenzene	9.251	77	475448	22.917	ng/u1	97
23) Isophorone	9.769	82	920307	23.181	ng/u1	99
25) 2-Nitrophenol	9.969	139	203706	22.261	ng/u1	97
26) 2,4-Dimethylphenol	10.028	107	437276	21.738	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.251	93	535778	23.906	ng/u1	98
29) 2,4-Dichlorophenol	10.534	162	347029	22.718	ng/u1	98
30) Naphthalene	10.886	128	1229213	23.391	ng/u1	99
32) 4-Chloroaniline	11.039	127	405451	19.772	ng/u1	97
33) Hexachlorobutadiene	11.139	225	221362	19.189	ng/u1	98
34) Caprolactam	11.857	113	124727m	26.693	ng/u1	
35) 4-Chloro-3-methylphenol	12.175	107	424680	23.751	ng/u1	97
36) 2-Methylnaphthalene	12.504	142	813988	23.530	ng/u1	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.716	142	823164	23.325	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.875	216	437024	20.292	ng/ul	99
40) Hexachlorocyclopentadiene	12.816	237	92217	14.312	ng/ul	96
41) 2,4,6-Trichlorophenol	13.133	196	273707	20.109	ng/ul	98
42) 2,4,5-Trichlorophenol	13.228	196	298113	20.649	ng/ul	96
43) 1,1'-Biphenyl	13.498	154	1120923	21.654	ng/ul	97
44) 2-Chloronaphthalene	13.551	162	882856	21.649	ng/ul	98
45) 2-Nitroaniline	13.792	65	303945	23.687	ng/ul	96
47) Dimethylphthalate	14.122	163	1167614	22.334	ng/ul	98
48) 2,6-Dinitrotoluene	14.280	165	238986	22.536	ng/ul	100
50) Acenaphthylene	14.392	152	1413272	22.587	ng/ul	99
51) 3-Nitroaniline	14.633	138	232002	27.898	ng/ul	92
52) Acenaphthene	14.727	153	988346	22.779	ng/ul	98
53) 2,4-Dinitrophenol	14.880	184	95759	17.020	ng/ul	93
55) 4-Nitrophenol	14.986	109	166937	24.165	ng/ul#	51
56) Dibenzofuran	15.074	168	1369092	22.730	ng/ul	97
57) 2,4-Dinitrotoluene	15.092	165	343305	23.756	ng/ul	84
58) 2,3,4,6-Tetrachlorophenol	15.322	232	262269	21.150	ng/ul	98
59) Diethylphthalate	15.480	149	1232963	23.306	ng/ul	99
61) Fluorene	15.722	166	1137768	23.289	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.704	204	546100	21.845	ng/ul	95
63) 4-Nitroaniline	15.810	138	227178	39.915	ng/ul	88
66) 4,6-Dinitro-2-methylph...	15.863	198	168380	17.896	ng/ul#	90
67) N-Nitrosodiphenylamine	15.927	169	955718	21.113	ng/ul	99
68) 4-Bromophenyl-phenylether	16.604	248	344991	19.980	ng/ul	94
69) Hexachlorobenzene	16.733	284	406893	19.971	ng/ul	98
70) Atrazine	16.892	200	232708	13.430	ng/ul	96
71) Pentachlorophenol	17.110	266	167003	17.078	ng/ul	96
72) Phenanthrene	17.474	178	1892754	23.041	ng/ul	100
74) Anthracene	17.574	178	1886321	22.853	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.469	216	451132	18.335	ng/ul	99
76) Pentachlorobenzene	14.986	250	1071713	43.157	ng/ul	99
77) Carbazole	17.868	167	1734538	24.932	ng/ul	99
78) Di-n-butylphthalate	18.363	149	2251493	24.411	ng/ul	99
80) Fluoranthene	19.445	202	2292431	19.246	ng/ul#	94
82) Pyrene	19.798	202	2407684	19.816	ng/ul#	90
83) Butylbenzylphthalate	20.639	149	1089794	21.985	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.445	252	773843	23.323	ng/ul	99
85) Benzo(a)anthracene	21.509	228	2244503	21.739	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.380	149	1617183	23.739	ng/ul	99
87) Chrysene	21.568	228	2335555	23.842	ng/ul	99
89) Di-n-octyl phthalate	22.333	149	2737682	24.453	ng/ul	100
90) Benzo(b)fluoranthene	23.274	252	2268984	23.051	ng/ul	98
91) Benzo(k)fluoranthene	23.327	252	2261595	22.740	ng/ul#	97
93) Benzo(a)pyrene	23.951	252	1955904	22.741	ng/ul#	97
94) Indeno(1,2,3-cd)pyrene	26.750	276	2302524	19.720	ng/ul#	94
95) Dibenzo(a,h)anthracene	26.756	278	1877267	19.574	ng/ul#	96
96) Benzo(g,h,i)perylene	27.591	276	1826183	19.012	ng/ul#	94

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

