

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050923\
 Data File : BP015037.D
 Acq On : 10 May 2023 01:54
 Operator : CG/JU
 Sample : PB152682BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS682

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/10/2023
 Supervised By : Jagrut Upadhyay 05/10/2023

Quant Time: May 10 03:03:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri May 05 12:12:36 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.157	152	280723	20.000	ng/u1	0.00
20) Naphthalene-d8	10.992	136	1258213	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.804	164	788822	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.557	188	1750982	20.000	ng/u1	-0.01
79) Chrysene-d12	21.639	240	1490081	20.000	ng/u1	0.00
88) Perylene-d12	24.233	264	1429299	20.000	ng/u1	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.457	96	44484	5.892	ng/uL	0.00
4) Pyridine-d5	3.893	84	354326	17.170	ng/u1	0.00
7) Phenol-d5	7.304	99	824359	33.871	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.475	67	480286	31.927	ng/u1	0.00
11) 2-Chlorophenol-d4	7.681	132	635240	35.497	ng/u1	0.00
15) 4-Methylphenol-d8	8.869	113	678611	36.182	ng/u1	0.00
21) Nitrobenzene-d5	9.334	128	331110	37.001	ng/u1	0.00
24) 2-Nitrophenol-d4	10.063	143	379114	41.258	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.604	165	670888	37.184	ng/u1	-0.01
31) 4-Chloroaniline-d4	11.128	131	401914	15.401	ng/u1	0.00
46) Dimethylphthalate-d6	14.204	166	1971468	35.313	ng/u1	0.00
49) Acenaphthylene-d8	14.498	160	2283320	34.102	ng/u1	0.00
54) 4-Nitrophenol-d4	14.992	143	394616	40.630	ng/u1	0.00
60) Fluorene-d10	15.792	176	1666170	34.689	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.916	200	349633	35.471	ng/u1	0.00
73) Anthracene-d10	17.657	188	2590360	32.925	ng/u1	0.00
81) Pyrene-d10	19.874	212	3020950	30.060	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.062	264	2522580	36.223	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.493	88	91619	11.201	ng/uL	99
5) Pyridine	3.916	79	566335	26.361	ng/u1	99
6) Benzaldehyde	7.281	77	418439	62.883	ng/u1	98
8) Phenol	7.334	94	830304	32.494	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.569	93	648692	30.543	ng/u1	100
12) 2-Chlorophenol	7.716	128	631796	32.589	ng/u1	99
13) 2-Methylphenol	8.598	108	640521	33.618	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.692	45	813018	30.180	ng/u1	99
16) Acetophenone	8.992	105	978565	31.909	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.981	70	495760	31.720	ng/u1	99
18) 4-Methylphenol	8.934	108	701339	33.298	ng/u1	98
19) Hexachloroethane	9.251	117	243901	28.997	ng/u1	95
22) Nitrobenzene	9.375	77	740183	31.480	ng/u1	97
23) Isophorone	9.910	82	1482908	31.912	ng/u1	100
25) 2-Nitrophenol	10.092	139	380784	36.032	ng/u1	97
26) 2,4-Dimethylphenol	10.151	107	726941	31.697	ng/u1	98
27) Bis(2-Chloroethoxy)met...	10.387	93	915796	30.827	ng/u1	99
29) 2,4-Dichlorophenol	10.634	162	643044	34.457	ng/u1	99
30) Naphthalene	11.045	128	2071362	29.949	ng/u1	100
32) 4-Chloroaniline	11.151	127	717367	26.342	ng/u1	100
33) Hexachlorobutadiene	11.322	225	374822	31.127	ng/u1	98
34) Caprolactam	11.933	113	235510m	40.964	ng/u1	
35) 4-Chloro-3-methylphenol	12.263	107	721029	37.584	ng/u1	99
36) 2-Methylnaphthalene	12.639	142	1408302	32.927	ng/u1	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.857	142	1437565	32.608	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	13.004	216	761700	30.957	ng/ul	99
40) Hexachlorocyclopentadiene	12.980	237	316951	19.103	ng/ul	99
41) 2,4,6-Trichlorophenol	13.239	196	531617	35.063	ng/ul	99
42) 2,4,5-Trichlorophenol	13.310	196	587794	35.970	ng/ul	96
43) 1,1'-Biphenyl	13.639	154	1914477	30.357	ng/ul	99
44) 2-Chloronaphthalene	13.680	162	1503032	30.596	ng/ul	99
45) 2-Nitroaniline	13.886	65	448397	39.197	ng/ul	96
47) Dimethylphthalate	14.251	163	1907187	32.488	ng/ul	99
48) 2,6-Dinitrotoluene	14.375	165	415933	40.095	ng/ul	95
50) Acenaphthylene	14.527	152	2333605	30.742	ng/ul	100
51) 3-Nitroaniline	14.704	138	432233	46.050	ng/ul	97
52) Acenaphthene	14.869	153	1588077	30.232	ng/ul	98
53) 2,4-Dinitrophenol	14.910	184	228176	36.140	ng/ul	93
55) 4-Nitrophenol	15.010	109	276001	37.333	ng/ul	94
56) Dibenzofuran	15.198	168	2246082	31.689	ng/ul	100
57) 2,4-Dinitrotoluene	15.163	165	587570	40.439	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.422	232	494258	37.165	ng/ul	95
59) Diethylphthalate	15.610	149	1916473	34.550	ng/ul	99
61) Fluorene	15.851	166	1747599	31.256	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.839	204	871370	31.846	ng/ul	97
63) 4-Nitroaniline	15.869	138	449506	57.377	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.927	198	340495	32.566	ng/ul#	94
67) N-Nitrosodiphenylamine	16.051	169	1557392	29.305	ng/ul	100
68) 4-Bromophenyl-phenylether	16.739	248	585195	32.127	ng/ul	95
69) Hexachlorobenzene	16.857	284	678362	31.616	ng/ul	95
70) Atrazine	17.004	200	269476	15.069	ng/ul	99
71) Pentachlorophenol	17.204	266	424861	33.921	ng/ul	98
72) Phenanthrene	17.604	178	2946522	30.460	ng/ul	99
74) Anthracene	17.692	178	2917580	30.294	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.604	216	780767	26.936	ng/ul	97
76) Pentachlorobenzene	15.122	250	757163	27.457	ng/ul	99
77) Carbazole	17.957	167	2731986	33.727	ng/ul	100
78) Di-n-butylphthalate	18.486	149	3339694	36.870	ng/ul	99
80) Fluoranthene	19.551	202	3495038	28.341	ng/ul	98
82) Pyrene	19.904	202	3524976	26.980	ng/ul	98
83) Butylbenzylphthalate	20.757	149	1574141	40.129	ng/ul	94
84) 3,3'-Dichlorobenzidine	21.545	252	1134772	45.247	ng/ul	99
85) Benzo(a)anthracene	21.621	228	3338852	33.570	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.515	149	2277861	46.151	ng/ul	100
87) Chrysene	21.680	228	3149839	31.453	ng/ul	100
89) Di-n-octyl phthalate	22.504	149	3971634	47.590	ng/ul	100
90) Benzo(b)fluoranthene	23.433	252	3147057	34.069	ng/ul	100
91) Benzo(k)fluoranthene	23.486	252	3082999	32.794	ng/ul	99
93) Benzo(a)pyrene	24.121	252	2626462	32.421	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.986	276	3149213	31.869	ng/ul	99
95) Dibenzo(a,h)anthracene	26.997	278	2610911	32.236	ng/ul	100
96) Benzo(g,h,i)perylene	27.833	276	2574595	30.612	ng/ul	98

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

