

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030223\
 Data File : BP013922.D
 Acq On : 02 Mar 2023 15:06
 Operator : CG/JU
 Sample : PB151163BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB151163BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/03/2023
 Supervised By :Jagrut Upadhyay 03/03/2023

Quant Time: Mar 02 16:03:48 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 02 04:26:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.093	152	102206	20.000	ng	0.00
21) Naphthalene-d8	10.922	136	400486	20.000	ng	0.00
39) Acenaphthene-d10	14.734	164	259288	20.000	ng	0.00
64) Phenanthrene-d10	17.487	188	562026	20.000	ng	0.00
76) Chrysene-d12	21.569	240	601690	20.000	ng	# 0.00
86) Perylene-d12	24.116	264	609061	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	841335	135.668	ng	0.00
7) Phenol-d6	7.252	99	1074695	135.313	ng	0.00
23) Nitrobenzene-d5	9.269	82	675048	91.021	ng	0.00
42) 2,4,6-Tribromophenol	16.222	330	480978	127.432	ng	0.00
45) 2-Fluorobiphenyl	13.357	172	1535735	77.795	ng	0.00
79) Terphenyl-d14	20.022	244	2600921	83.168	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.481	88	84618	31.393	ng	97
3) Pyridine	3.899	79	245849	33.834	ng	97
4) n-Nitrosodimethylamine	3.799	42	124605	45.758	ng	# 88
6) Aniline	7.416	93	167794	16.260	ng	97
8) 2-Chlorophenol	7.652	128	294388	45.005	ng	97
10) Phenol	7.275	94	378271	45.757	ng	90
11) bis(2-Chloroethyl)ether	7.505	93	277193	41.897	ng	95
12) 1,3-Dichlorobenzene	7.981	146	311823	42.395	ng	97
13) 1,4-Dichlorobenzene	8.128	146	317999	42.802	ng	98
14) 1,2-Dichlorobenzene	8.452	146	306569	44.203	ng	99
15) Benzyl Alcohol	8.334	79	280752m	50.383	ng	
16) 2,2'-oxybis(1-Chloropr...	8.616	45	318982m	45.136	ng	
17) 2-Methylphenol	8.540	107	251462	44.699	ng	95
18) Hexachloroethane	9.187	117	116819	44.887	ng	97
19) n-Nitroso-di-n-propyla...	8.905	70	224117	48.213	ng	97
20) 3+4-Methylphenols	8.869	107	337405	44.561	ng	97
22) Acetophenone	8.928	105	446347	44.187	ng	96
24) Nitrobenzene	9.310	77	341967	44.185	ng	96
25) Isophorone	9.840	82	609628	42.655	ng	99
26) 2-Nitrophenol	10.028	139	155421	42.927	ng	93
27) 2,4-Dimethylphenol	10.081	122	265463	44.414	ng	96
28) bis(2-Chloroethoxy)met...	10.316	93	369544	40.505	ng	99
29) 2,4-Dichlorophenol	10.563	162	283690	44.239	ng	99
30) 1,2,4-Trichlorobenzene	10.781	180	311210	41.357	ng	99
31) Naphthalene	10.969	128	851082	38.761	ng	99
32) Benzoic acid	10.216	122	190775	41.274	ng	97
33) 4-Chloroaniline	11.081	127	105775	11.472	ng	# 94
34) Hexachlorobutadiene	11.252	225	215295	43.053	ng	97
35) Caprolactam	11.869	113	83006	40.542	ng	93
36) 4-Chloro-3-methylphenol	12.193	107	313386	43.857	ng	95
37) 2-Methylnaphthalene	12.569	142	611737	38.488	ng	98
38) 1-Methylnaphthalene	12.787	142	573458	38.551	ng	99
40) 1,2,4,5-Tetrachloroben...	12.934	216	370184	39.588	ng	99
41) Hexachlorocyclopentadiene	12.910	237	458454	92.300	ng	98
43) 2,4,6-Trichlorophenol	13.169	196	239406	40.926	ng	99
44) 2,4,5-Trichlorophenol	13.240	196	263773	37.939	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	13.569	154	805923	38.456	ng	98
47) 2-Chloronaphthalene	13.610	162	626969	39.268	ng	98
48) 2-Nitroaniline	13.816	65	186280	41.543	ng	96
49) Acenaphthylene	14.457	152	964187	38.310	ng	99
50) Dimethylphthalate	14.181	163	818137	38.776	ng	100
51) 2,6-Dinitrotoluene	14.304	165	174764	38.306	ng	94
52) Acenaphthene	14.798	154	580779	37.921	ng	100
53) 3-Nitroaniline	14.640	138	127527	27.464	ng	96
54) 2,4-Dinitrophenol	14.845	184	233549	77.204	ng	96
55) Dibenzofuran	15.128	168	960667	37.698	ng	97
56) 4-Nitrophenol	14.940	139	292481	77.551	ng #	81
57) 2,4-Dinitrotoluene	15.093	165	245130	39.893	ng	96
58) Fluorene	15.781	166	764337	38.253	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.357	232	237403m	39.665	ng	
60) Diethylphthalate	15.545	149	812889	39.510	ng	100
61) 4-Chlorophenyl-phenyle...	15.769	204	416076	38.432	ng	98
62) 4-Nitroaniline	15.804	138	170607	35.264	ng	83
63) Azobenzene	16.063	77	743413	39.938	ng	96
65) 4,6-Dinitro-2-methylph...	15.857	198	150308	38.892	ng	97
66) n-Nitrosodiphenylamine	15.987	169	673333	39.553	ng	100
67) 4-Bromophenyl-phenylether	16.669	248	273027	41.158	ng	99
68) Hexachlorobenzene	16.787	284	310764	42.916	ng	98
69) Atrazine	16.934	200	21268	3.664	ng	97
70) Pentachlorophenol	17.134	266	410685	76.925	ng	99
71) Phenanthrene	17.528	178	1230937	39.095	ng	99
72) Anthracene	17.622	178	1243115	39.486	ng	99
73) Carbazole	17.887	167	1125900	39.724	ng	99
74) Di-n-butylphthalate	18.416	149	1387468	41.782	ng	99
75) Fluoranthene	19.481	202	1473461	37.540	ng	99
77) Benzidine	19.657	184	448412	37.016	ng	100
78) Pyrene	19.833	202	1549811	37.692	ng	100
80) Butylbenzylphthalate	20.686	149	624052	42.702	ng	98
81) Benzo(a)anthracene	21.551	228	1662730	38.591	ng	100
82) 3,3'-Dichlorobenzidine	21.475	252	564077	41.612	ng	99
83) Chrysene	21.604	228	1564715	37.487	ng	99
84) Bis(2-ethylhexyl)phtha...	21.445	149	933329	40.963	ng	100
85) Di-n-octyl phthalate	22.416	149	1643086	40.471	ng	99
87) Indeno(1,2,3-cd)pyrene	26.804	276	2110148	44.537	ng	96
88) Benzo(b)fluoranthene	23.333	252	1774651	46.071	ng	99
89) Benzo(k)fluoranthene	23.386	252	1746506	44.667	ng	98
90) Benzo(a)pyrene	24.004	252	1540661	41.371	ng	99
91) Dibenzo(a,h)anthracene	26.821	278	1821542	45.887	ng	98
92) Benzo(g,h,i)perylene	27.639	276	1791538	45.641	ng	97

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

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