

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022324\
 Data File : BP019841.D
 Acq On : 23 Feb 2024 13:45
 Operator : MA/JU
 Sample : PB159196BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB159196BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/27/2024
 Supervised By :mohammad ahmed 02/27/2024

Quant Time: Feb 23 14:26:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP013124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 13:10:49 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	76464	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	280685	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	181757	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	414215	20.000	ng	0.00
76) Chrysene-d12	21.416	240	387355	20.000	ng	-0.01
86) Perylene-d12	23.851	264	430709	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	581169	122.515	ng	0.00
7) Phenol-d6	7.081	99	736275	115.112	ng	0.00
23) Nitrobenzene-d5	9.075	82	511897	79.025	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	413891	155.963	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	1190055	80.942	ng	0.00
79) Terphenyl-d14	19.886	244	2176437	92.402	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	57460	31.440	ng	99
3) Pyridine	3.781	79	150966	30.468	ng	97
4) n-Nitrosodimethylamine	3.705	42	86811	40.241	ng	98
6) Aniline	7.240	93	157708	25.375	ng	97
8) 2-Chlorophenol	7.469	128	212552	43.644	ng	98
9) Benzaldehyde	7.052	77	77905m	17.372	ng	
10) Phenol	7.110	94	266055	41.735	ng	100
11) bis(2-Chloroethyl)ether	7.340	93	202546	40.839	ng	98
12) 1,3-Dichlorobenzene	7.787	146	242227	40.647	ng	98
13) 1,4-Dichlorobenzene	7.940	146	249691	41.357	ng	99
14) 1,2-Dichlorobenzene	8.252	146	238911	40.898	ng	99
15) Benzyl Alcohol	8.157	79	216559	42.375	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.428	45	201243m	40.576	ng	
17) 2-Methylphenol	8.357	107	178958	41.697	ng	99
18) Hexachloroethane	8.969	117	93762	40.066	ng	96
19) n-Nitroso-di-n-propyla...	8.722	70	170984	39.137	ng	98
20) 3+4-Methylphenols	8.687	107	239065	40.815	ng	99
22) Acetophenone	8.740	105	329388	41.193	ng	# 98
24) Nitrobenzene	9.122	77	259604	39.804	ng	98
25) Isophorone	9.646	82	459650	40.745	ng	98
26) 2-Nitrophenol	9.828	139	115222	46.334	ng	95
27) 2,4-Dimethylphenol	9.887	122	155264	48.828	ng	96
28) bis(2-Chloroethoxy)met...	10.134	93	262293	41.094	ng	99
29) 2,4-Dichlorophenol	10.357	162	214659	44.657	ng	97
30) 1,2,4-Trichlorobenzene	10.569	180	251297	42.638	ng	99
31) Naphthalene	10.757	128	631913	41.048	ng	99
32) Benzoic acid	10.051	122	146441	47.267	ng	98
33) 4-Chloroaniline	10.887	127	69148	12.146	ng	97
34) Hexachlorobutadiene	11.022	225	184978	42.353	ng	99
35) Caprolactam	11.698	113	62930	46.245	ng	97
36) 4-Chloro-3-methylphenol	12.010	107	229496	43.786	ng	99
37) 2-Methylnaphthalene	12.369	142	447403	41.995	ng	99
38) 1-Methylnaphthalene	12.587	142	420152	40.131	ng	99
40) 1,2,4,5-Tetrachloroben...	12.734	216	313019	44.655	ng	99
41) Hexachlorocyclopentadiene	12.698	237	368052	116.228	ng	99
43) 2,4,6-Trichlorophenol	12.981	196	196321	46.253	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	213343	45.774	ng	98
46) 1,1'-Biphenyl	13.381	154	611126	42.127	ng	100
47) 2-Chloronaphthalene	13.422	162	486251	40.833	ng	98
48) 2-Nitroaniline	13.640	65	148744	44.671	ng	96
49) Acenaphthylene	14.269	152	762319	45.629	ng	100
50) Dimethylphthalate	14.016	163	619803	44.545	ng	98
51) 2,6-Dinitrotoluene	14.140	165	135079	44.187	ng	95
52) Acenaphthene	14.610	154	429853	41.455	ng	99
53) 3-Nitroaniline	14.469	138	85546	30.450	ng	98
54) 2,4-Dinitrophenol	14.687	184	186068	117.228	ng	96
55) Dibenzofuran	14.945	168	744113	44.061	ng	99
56) 4-Nitrophenol	14.787	139	213296	92.629	ng	98
57) 2,4-Dinitrotoluene	14.934	165	194633	48.585	ng	96
58) Fluorene	15.598	166	597218	44.399	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	201528	51.405	ng	95
60) Diethylphthalate	15.381	149	619944	44.795	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	340821	45.081	ng	93
62) 4-Nitroaniline	15.639	138	132540	45.009	ng	97
63) Azobenzene	15.892	77	568108	42.450	ng	97
65) 4,6-Dinitro-2-methylph...	15.698	198	123655	52.354	ng	94
66) n-Nitrosodiphenylamine	15.816	169	525507	42.362	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	228863	44.197	ng	93
68) Hexachlorobenzene	16.598	284	266139	44.012	ng	92
69) Atrazine	16.781	200	199720	48.517	ng	97
70) Pentachlorophenol	16.951	266	357189	94.853	ng	98
71) Phenanthrene	17.351	178	955895	43.851	ng	99
72) Anthracene	17.445	178	974068	44.794	ng	99
73) Carbazole	17.722	167	867261	43.902	ng	99
74) Di-n-butylphthalate	18.280	149	1051823	44.035	ng	99
75) Fluoranthene	19.327	202	1196448	44.930	ng	98
77) Benzidine	19.516	184	353253	43.621	ng	99
78) Pyrene	19.680	202	1230460	45.009	ng	99
80) Butylbenzylphthalate	20.569	149	465239	45.571	ng	97
81) Benzo(a)anthracene	21.404	228	1218781	44.698	ng	99
82) 3,3'-Dichlorobenzidine	21.339	252	400855	40.343	ng	100
83) Chrysene	21.457	228	1135482	43.862	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	649947	41.808	ng	99
85) Di-n-octyl phthalate	22.280	149	1098289	40.154	ng	99
87) Indeno(1,2,3-cd)pyrene	26.404	276	1554601	47.153	ng	98
88) Benzo(b)fluoranthene	23.110	252	1202116	44.284	ng	99
89) Benzo(k)fluoranthene	23.163	252	1192460	45.987	ng	99
90) Benzo(a)pyrene	23.745	252	1114810	46.155	ng	99
91) Dibenzo(a,h)anthracene	26.433	278	1298429	47.885	ng	97
92) Benzo(g,h,i)perylene	27.192	276	1243317	45.196	ng	97

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

