

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061324\
 Data File : BP020612.D
 Acq On : 13 Jun 2024 14:58
 Operator : MA/JU
 Sample : PB161479BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB161479BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay

Quant Time: Jun 13 15:27:46 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 30 03:41:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.752	152	252860	20.000	ng	-0.02
21) Naphthalene-d8	10.528	136	943831	20.000	ng	0.00
39) Acenaphthene-d10	14.369	164	549671	20.000	ng	-0.02
64) Phenanthrene-d10	17.181	188	1084189	20.000	ng	-0.02
76) Chrysene-d12	21.627	240	1001107	20.000	ng	-0.04
86) Perylene-d12	24.992	264	1193791	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	1855197	131.363	ng	0.00
7) Phenol-d6	6.940	99	2287790	114.869	ng	0.00
23) Nitrobenzene-d5	8.899	82	1398797	81.127	ng	-0.02
42) 2,4,6-Tribromophenol	15.886	330	891810	156.334	ng	-0.02
45) 2-Fluorobiphenyl	12.981	172	3097757	84.012	ng	-0.02
79) Terphenyl-d14	19.910	244	4475188	74.417	ng	-0.04
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	191083	33.486	ng	95
3) Pyridine	3.717	79	470428	29.321	ng	95
4) n-Nitrosodimethylamine	3.628	42	288693	37.046	ng	91
6) Aniline	7.093	93	450058	22.301	ng	98
8) 2-Chlorophenol	7.328	128	699385	44.177	ng	96
9) Benzaldehyde	6.916	77	351264m	27.495	ng	
10) Phenol	6.963	94	836749	41.015	ng	99
11) bis(2-Chloroethyl)ether	7.187	93	639895	38.034	ng	98
12) 1,3-Dichlorobenzene	7.646	146	758274	40.653	ng	98
13) 1,4-Dichlorobenzene	7.787	146	767904	40.506	ng	99
14) 1,2-Dichlorobenzene	8.099	146	737113	40.288	ng	98
15) Benzyl Alcohol	7.999	79	592679	40.287	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.263	45	864407	34.414	ng	98
17) 2-Methylphenol	8.193	107	553669	39.993	ng	99
18) Hexachloroethane	8.816	117	277115	40.031	ng	96
19) n-Nitroso-di-n-propyla...	8.552	70	475057	34.940	ng	95
20) 3+4-Methylphenols	8.516	107	742026	39.406	ng	99
22) Acetophenone	8.569	105	974010	41.575	ng	# 97
24) Nitrobenzene	8.946	77	710332	40.594	ng	98
25) Isophorone	9.463	82	1294665	38.646	ng	100
26) 2-Nitrophenol	9.640	139	353754	50.859	ng	97
27) 2,4-Dimethylphenol	9.699	122	447792	44.245	ng	96
28) bis(2-Chloroethoxy)met...	9.934	93	782062	37.982	ng	100
29) 2,4-Dichlorophenol	10.175	162	625837	46.093	ng	98
30) 1,2,4-Trichlorobenzene	10.381	180	691780	42.916	ng	99
31) Naphthalene	10.569	128	1959636	40.614	ng	99
32) Benzoic acid	9.863	122	436948	45.809	ng	97
33) 4-Chloroaniline	10.681	127	405375	21.718	ng	97
34) Hexachlorobutadiene	10.846	225	434109	42.753	ng	99
35) Caprolactam	11.481	113	191425	38.471	ng	91
36) 4-Chloro-3-methylphenol	11.798	107	654424	41.166	ng	99
37) 2-Methylnaphthalene	12.169	142	1336393	38.653	ng	100
38) 1-Methylnaphthalene	12.398	142	1239805	36.174	ng	100
40) 1,2,4,5-Tetrachloroben...	12.540	216	762158	47.923	ng	99
41) Hexachlorocyclopentadiene	12.510	237	714240	127.786	ng	99
43) 2,4,6-Trichlorophenol	12.787	196	487163	50.676	ng	100

06/14/2024
 Supervised By :mohammad
 Ahmed

06/15/2024

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44) 2,4,5-Trichlorophenol	12.863	196	529132	47.709	ng	98
46) 1,1'-Biphenyl	13.193	154	1695253	43.701	ng	99
47) 2-Chloronaphthalene	13.228	162	1333462	43.240	ng	100
48) 2-Nitroaniline	13.445	65	398822	47.727	ng	95
49) Acenaphthylene	14.092	152	2121594	46.364	ng	99
50) Dimethylphthalate	13.828	163	1602385	41.356	ng	100
51) 2,6-Dinitrotoluene	13.945	165	358032	43.231	ng	90
52) Acenaphthene	14.434	154	1194549	41.385	ng	100
53) 3-Nitroaniline	14.281	138	289407	34.838	ng	96
54) 2,4-Dinitrophenol	14.498	184	406380	100.170	ng	90
55) Dibenzofuran	14.769	168	1968750	43.057	ng	98
56) 4-Nitrophenol	14.604	139	618043	96.178	ng	98
57) 2,4-Dinitrotoluene	14.745	165	484241	44.492	ng	97
58) Fluorene	15.434	166	1536696	41.864	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.004	232	444750	49.002	ng	98
60) Diethylphthalate	15.210	149	1557097	39.534	ng	100
61) 4-Chlorophenyl-phenyle...	15.434	204	779507	41.152	ng	99
62) 4-Nitroaniline	15.463	138	343395	40.129	ng	98
63) Azobenzene	15.734	77	1441076	39.184	ng	97
65) 4,6-Dinitro-2-methylph...	15.516	198	278791	56.406	ng	95
66) n-Nitrosodiphenylamine	15.657	169	1342989	45.055	ng	99
67) 4-Bromophenyl-phenylether	16.351	248	504652	45.497	ng	99
68) Hexachlorobenzene	16.457	284	585669	44.864	ng	99
69) Atrazine	16.634	200	470037	44.822	ng	100
70) Pentachlorophenol	16.816	266	754161	95.121	ng	99
71) Phenanthrene	17.222	178	2345719	44.013	ng	100
72) Anthracene	17.310	178	2331932	44.590	ng	100
73) Carbazole	17.604	167	2167972	42.857	ng	99
74) Di-n-butylphthalate	18.186	149	2553269	41.680	ng	99
75) Fluoranthene	19.310	202	2718193	43.111	ng	99
77) Benzidine	19.522	184	216560	11.298	ng	97
78) Pyrene	19.692	202	2813396	37.362	ng	99
80) Butylbenzylphthalate	20.651	149	1174055	39.186	ng	92
81) Benzo(a)anthracene	21.610	228	2850893	43.250	ng	100
82) 3,3'-Dichlorobenzidine	21.539	252	838871	42.811	ng	100
83) Chrysene	21.680	228	2785636	44.848	ng	100
84) Bis(2-ethylhexyl)phtha...	21.557	149	1691634	39.473	ng	99
85) Di-n-octyl phthalate	22.845	149	3135366	50.336	ng	96
87) Indeno(1,2,3-cd)pyrene	28.809	276	4202662	57.893	ng	98
88) Benzo(b)fluoranthene	23.933	252	3214591	43.224	ng	100
89) Benzo(k)fluoranthene	24.010	252	3211514	44.275	ng	99
90) Benzo(a)pyrene	24.839	252	3061801	49.711	ng	99
91) Dibenzo(a,h)anthracene	28.886	278	3497459	57.762	ng	99
92) Benzo(g,h,i)perylene	29.992	276	3396195	56.115	ng	96

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

