

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120821\
 Data File : BP008277.D
 Acq On : 08 Dec 2021 13:13
 Operator : CG/JU
 Sample : PB141209BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB141209BS

Quant Time: Dec 09 01:18:40 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/09/2021
 Supervised By :mohammad ahmed 12/15/2021

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.775	152	68412	20.000	ng	-0.02
21) Naphthalene-d8	10.569	136	261500	20.000	ng	-0.03
39) Acenaphthene-d10	14.428	164	169375	20.000	ng	-0.02
64) Phenanthrene-d10	17.192	188	361199	20.000	ng	-0.02
76) Chrysene-d12	21.304	240	385279	20.000	ng	-0.01
86) Perylene-d12	23.692	264	413708	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.375	112	545704	128.433	ng	-0.01
7) Phenol-d6	6.969	99	700679	122.159	ng	-0.02
23) Nitrobenzene-d5	8.940	82	474129	82.448	ng	-0.02
42) 2,4,6-Tribromophenol	15.934	330	291605	134.697	ng	-0.02
45) 2-Fluorobiphenyl	13.045	172	969980	83.184	ng	-0.02
79) Terphenyl-d14	19.769	244	1648415	89.417	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.275	88	64347	32.461	ng	100
3) Pyridine	3.675	79	149320	28.223	ng	98
4) n-Nitrosodimethylamine	3.587	42	94165	42.671	ng	95
6) Aniline	7.105	93	210989	31.381	ng	97
8) 2-Chlorophenol	7.346	128	197987	45.519	ng	97
9) Benzaldehyde	6.922	77	46553	11.484	ng	96
10) Phenol	6.993	94	270857	45.953	ng	97
11) bis(2-Chloroethyl)ether	7.205	93	200105	42.474	ng	98
12) 1,3-Dichlorobenzene	7.663	146	206482	41.127	ng	99
13) 1,4-Dichlorobenzene	7.810	146	212989	41.843	ng	97
14) 1,2-Dichlorobenzene	8.122	146	202534	40.008	ng	98
15) Benzyl Alcohol	8.028	79	209319	46.060	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.310	45	288127	40.532	ng	99
17) 2-Methylphenol	8.234	107	174674	45.552	ng	98
18) Hexachloroethane	8.846	117	79378	41.940	ng	94
19) n-Nitroso-di-n-propyla...	8.587	70	160527	40.446	ng	97
20) 3+4-Methylphenols	8.563	107	231276	43.701	ng	98
22) Acetophenone	8.604	105	299396	41.857	ng	# 99
24) Nitrobenzene	8.981	77	245365	43.997	ng	97
25) Isophorone	9.510	82	421754	41.921	ng	98
26) 2-Nitrophenol	9.693	139	105702	43.930	ng	95
27) 2,4-Dimethylphenol	9.763	122	179379	49.848	ng	98
28) bis(2-Chloroethoxy)met...	9.993	93	253760	39.576	ng	99
29) 2,4-Dichlorophenol	10.240	162	193056	44.919	ng	99
30) 1,2,4-Trichlorobenzene	10.440	180	209873	42.072	ng	99
31) Naphthalene	10.622	128	556737	41.560	ng	100
32) Benzoic acid	9.957	122	121792	41.375	ng	98
33) 4-Chloroaniline	10.746	127	117613	21.163	ng	98
34) Hexachlorobutadiene	10.910	225	143897	42.152	ng	99
35) Caprolactam	11.557	113	62147m	65.097	ng	
36) 4-Chloro-3-methylphenol	11.893	107	221414	45.066	ng	97
37) 2-Methylnaphthalene	12.240	142	405766	42.827	ng	97
38) 1-Methylnaphthalene	12.457	142	375483	40.715	ng	99
40) 1,2,4,5-Tetrachloroben...	12.616	216	242737	44.119	ng	99
41) Hexachlorocyclopentadiene	12.592	237	193226	91.348	ng	100
43) 2,4,6-Trichlorophenol	12.863	196	161242	43.256	ng	97

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44) 2,4,5-Trichlorophenol	12.951	196	177383	44.408	ng	99
46) 1,1'-Biphenyl	13.257	154	511210	41.599	ng	98
47) 2-Chloronaphthalene	13.298	162	414329	42.693	ng	99
48) 2-Nitroaniline	13.516	65	153425	45.877	ng	97
49) Acenaphthylene	14.151	152	630105	42.086	ng	99
50) Dimethylphthalate	13.892	163	540710	42.513	ng	100
51) 2,6-Dinitrotoluene	14.016	165	117280	44.430	ng	98
52) Acenaphthene	14.492	154	373317	41.840	ng	99
53) 3-Nitroaniline	14.345	138	81439	30.443	ng	97
54) 2,4-Dinitrophenol	14.569	184	143585	92.001	ng	90
55) Dibenzofuran	14.834	168	624505	40.959	ng	99
56) 4-Nitrophenol	14.687	139	172502	84.131	ng	87
57) 2,4-Dinitrotoluene	14.816	165	169172	46.700	ng	95
58) Fluorene	15.486	166	502730	40.582	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.069	232	153332m	43.169	ng	
60) Diethylphthalate	15.263	149	541661	42.915	ng	99
61) 4-Chlorophenyl-phenyle...	15.481	204	271790	39.999	ng	98
62) 4-Nitroaniline	15.522	138	117990	42.506	ng	95
63) Azobenzene	15.775	77	542886	42.051	ng	98
65) 4,6-Dinitro-2-methylph...	15.586	198	96980	41.050	ng	98
66) n-Nitrosodiphenylamine	15.698	169	448881	42.903	ng	99
67) 4-Bromophenyl-phenylether	16.381	248	176340	43.904	ng	99
68) Hexachlorobenzene	16.498	284	196558	45.782	ng	98
69) Atrazine	16.663	200	181504	66.841	ng	98
70) Pentachlorophenol	16.851	266	214435	83.994	ng	99
71) Phenanthrene	17.233	178	815297	42.752	ng	100
72) Anthracene	17.328	178	840365	44.403	ng	100
73) Carbazole	17.604	167	752577	40.735	ng	99
74) Di-n-butylphthalate	18.163	149	927707	40.113	ng	100
75) Fluoranthene	19.216	202	1012762	39.422	ng	98
77) Benzidine	19.398	184	422803	80.001	ng	98
78) Pyrene	19.569	202	1045594	42.971	ng	99
80) Butylbenzylphthalate	20.451	149	437113	39.842	ng	97
81) Benzo(a)anthracene	21.286	228	1058689	41.461	ng	100
82) 3,3'-Dichlorobenzidine	21.221	252	290071	24.111	ng	99
83) Chrysene	21.339	228	1045896	43.044	ng	99
84) Bis(2-ethylhexyl)phtha...	21.216	149	639139	38.369	ng	100
85) Di-n-octyl phthalate	22.133	149	1140099	40.290	ng	99
87) Indeno(1,2,3-cd)pyrene	26.198	276	1343479	44.637	ng	97
88) Benzo(b)fluoranthene	22.968	252	1136980	45.588	ng	99
89) Benzo(k)fluoranthene	23.015	252	1099266	45.021	ng	99
90) Benzo(a)pyrene	23.592	252	1110434	52.094	ng	# 98
91) Dibenzo(a,h)anthracene	26.209	278	1151716	46.076	ng	97
92) Benzo(g,h,i)perylene	26.956	276	1137342	45.102	ng	97

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

