

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090624\
 Data File : BP021855.D
 Acq On : 06 Sep 2024 16:49
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/07/2024
 Supervised By :mohammad ahmed 09/07/2024

Quant Time: Sep 06 23:50:24 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP090624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 06 23:39:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.757	152	283755	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1142409	20.000	ng	0.00
39) Acenaphthene-d10	14.381	164	736038	20.000	ng	0.00
64) Phenanthrene-d10	17.169	188	1571271	20.000	ng	0.00
76) Chrysene-d12	21.598	240	1448469	20.000	ng	-0.02
86) Perylene-d12	24.927	264	1406842	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	2711756	134.477	ng	0.00
7) Phenol-d6	6.946	99	3418531	127.343	ng	0.00
23) Nitrobenzene-d5	8.910	82	3881506	158.166	ng	0.00
42) 2,4,6-Tribromophenol	15.886	330	1347252	154.442	ng	0.00
45) 2-Fluorobiphenyl	12.998	172	6879193	149.758	ng	0.00
79) Terphenyl-d14	19.880	244	10718801	151.915	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	663706	73.857	ng	100
3) Pyridine	3.699	79	1846952m	76.049	ng	
4) n-Nitrosodimethylamine	3.605	42	618511	75.399	ng	98
6) Aniline	7.093	93	1445772	59.858	ng	99
8) 2-Chlorophenol	7.334	128	1358923	72.272	ng	100
9) Benzaldehyde	6.905	77	752096	48.291	ng	95
10) Phenol	6.969	94	1712793	63.463	ng	99
11) bis(2-Chloroethyl)ether	7.187	93	1313099	61.181	ng	97
12) 1,3-Dichlorobenzene	7.652	146	1578710	75.564	ng	99
13) 1,4-Dichlorobenzene	7.799	146	1591594	75.475	ng	99
14) 1,2-Dichlorobenzene	8.110	146	1518386	75.466	ng	99
15) Benzyl Alcohol	7.999	79	1476651	80.205	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.281	45	1483241	75.610	ng	99
17) 2-Methylphenol	8.204	107	1395388	78.787	ng	98
18) Hexachloroethane	8.834	117	660790	76.226	ng	95
19) n-Nitroso-di-n-propyla...	8.569	70	1186054	77.693	ng	98
20) 3+4-Methylphenols	8.528	107	1976926	80.149	ng	99
22) Acetophenone	8.581	105	2609497	77.295	ng	# 99
24) Nitrobenzene	8.951	77	1955397	78.764	ng	100
25) Isophorone	9.481	82	3501490	82.048	ng	99
26) 2-Nitrophenol	9.657	139	783397	87.362	ng	95
27) 2,4-Dimethylphenol	9.722	122	1011104	82.413	ng	98
28) bis(2-Chloroethoxy)met...	9.951	93	2211836	78.605	ng	99
29) 2,4-Dichlorophenol	10.193	162	1329301	80.595	ng	99
30) 1,2,4-Trichlorobenzene	10.398	180	1468137	78.073	ng	98
31) Naphthalene	10.587	128	4585022	76.901	ng	100
32) Benzoic acid	9.904	122	1272728	80.680	ng	98
33) 4-Chloroaniline	10.693	127	1729805	78.017	ng	99
34) Hexachlorobutadiene	10.875	225	895723	76.735	ng	99
35) Caprolactam	11.510	113	578555	82.115	ng	97
36) 4-Chloro-3-methylphenol	11.822	107	1849711	80.381	ng	99
37) 2-Methylnaphthalene	12.193	142	3064854	78.456	ng	98
38) 1-Methylnaphthalene	12.416	142	3040086	74.836	ng	100
40) 1,2,4,5-Tetrachloroben...	12.563	216	1588129	78.884	ng	100
41) Hexachlorocyclopentadiene	12.551	237	481940	87.499	ng	99
43) 2,4,6-Trichlorophenol	12.810	196	1092701	81.307	ng	99

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44) 2,4,5-Trichlorophenol	12.881	196	1221379	80.268	ng	99
46) 1,1'-Biphenyl	13.210	154	3921712	76.652	ng	99
47) 2-Chloronaphthalene	13.251	162	3102205	77.537	ng	100
48) 2-Nitroaniline	13.457	65	1111078	83.919	ng	97
49) Acenaphthylene	14.104	152	4742062	80.546	ng	99
50) Dimethylphthalate	13.839	163	3889585	77.038	ng	99
51) 2,6-Dinitrotoluene	13.957	165	918342	82.367	ng	95
52) Acenaphthene	14.445	154	2939741	77.649	ng	99
53) 3-Nitroaniline	14.287	138	969365	83.907	ng	97
54) 2,4-Dinitrophenol	14.492	184	493018	82.495	ng	95
55) Dibenzofuran	14.786	168	4573036	75.742	ng	99
56) 4-Nitrophenol	14.604	139	849869	84.726	ng	100
57) 2,4-Dinitrotoluene	14.751	165	1294239	84.708	ng	93
58) Fluorene	15.445	166	3372926	69.698	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.016	232	1030212	77.883	ng	99
60) Diethylphthalate	15.216	149	3713355	72.645	ng	100
61) 4-Chlorophenyl-phenyle...	15.439	204	1641312	69.438	ng	99
62) 4-Nitroaniline	15.463	138	911568	75.153	ng	95
63) Azobenzene	15.733	77	4216894	75.659	ng	98
65) 4,6-Dinitro-2-methylph...	15.528	198	632093	78.158	ng	99
66) n-Nitrosodiphenylamine	15.657	169	3153387	77.103	ng	99
67) 4-Bromophenyl-phenylether	16.345	248	1181952	80.319	ng	99
68) Hexachlorobenzene	16.463	284	1378206	78.204	ng	97
69) Atrazine	16.622	200	445383	43.339	ng	99
70) Pentachlorophenol	16.816	266	1022304	85.694	ng	100
71) Phenanthrene	17.210	178	5882044	77.214	ng	100
72) Anthracene	17.304	178	5761377	78.593	ng	100
73) Carbazole	17.580	167	5860518	78.492	ng	100
74) Di-n-butylphthalate	18.169	149	6908521	80.842	ng	99
75) Fluoranthene	19.292	202	7372876	77.663	ng	100
77) Benzidine	19.486	184	2742185	102.711	ng	99
78) Pyrene	19.669	202	7689110	80.468	ng	100
80) Butylbenzylphthalate	20.610	149	3265511	84.921	ng	99
81) Benzo(a)anthracene	21.580	228	7262516	79.332	ng	99
82) 3,3'-Dichlorobenzidine	21.498	252	2585391	83.570	ng	99
83) Chrysene	21.651	228	6829386	78.492	ng	99
84) Bis(2-ethylhexyl)phtha...	21.516	149	4489849	81.861	ng	99
85) Di-n-octyl phthalate	22.792	149	7920409	87.206	ng	100
87) Indeno(1,2,3-cd)pyrene	28.709	276	8649472	95.854	ng	100
88) Benzo(b)fluoranthene	23.880	252	6386937	79.267	ng	98
89) Benzo(k)fluoranthene	23.957	252	5894464	76.150	ng	99
90) Benzo(a)pyrene	24.774	252	5586310	81.018	ng	99
91) Dibenzo(a,h)anthracene	28.798	278	7044478	94.844	ng	99
92) Benzo(g,h,i)perylene	29.892	276	7463589	96.459	ng	99

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

