

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP110724\
 Data File : BP022922.D
 Acq On : 07 Nov 2024 17:35
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

ICVBP110724

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/08/2024

Supervised By :mohammad ahmed 11/08/2024

Quant Time: Nov 07 23:52:05 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP110724.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Nov 07 23:36:11 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	78634	20.000	ng	-0.04
21) Naphthalene-d8	10.305	136	287493	20.000	ng	-0.04
39) Acenaphthene-d10	14.198	164	236621	20.000	ng	-0.02
64) Phenanthrene-d10	17.004	188	601822	20.000	ng	-0.02
76) Chrysene-d12	21.463	240	674401	20.000	ng	0.00
86) Perylene-d12	24.698	264	799864	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	329600	79.547	ng	-0.05
7) Phenol-d6	6.752	99	460297	79.658	ng	-0.04
23) Nitrobenzene-d5	8.693	82	493809	81.148	ng	-0.05
42) 2,4,6-Tribromophenol	15.728	330	375816	81.940	ng	-0.02
45) 2-Fluorobiphenyl	12.793	172	1283380	77.498	ng	-0.02
79) Terphenyl-d14	19.763	244	2897250	80.680	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.146	88	65174	39.397	ng	99
3) Pyridine	3.540	79	180210m	39.675	ng	
4) n-Nitrosodimethylamine	3.452	42	86349	39.436	ng	99
6) Aniline	6.887	93	197496	41.000	ng	99
8) 2-Chlorophenol	7.128	128	171903	39.579	ng	97
9) Benzaldehyde	6.711	77	134768	40.355	ng	98
10) Phenol	6.775	94	228706	39.965	ng	99
11) bis(2-Chloroethyl)ether	6.981	93	168825	39.048	ng	99
12) 1,3-Dichlorobenzene	7.440	146	214285	38.662	ng	98
13) 1,4-Dichlorobenzene	7.581	146	221627	39.156	ng	99
14) 1,2-Dichlorobenzene	7.893	146	212782	38.883	ng	97
15) Benzyl Alcohol	7.793	79	173956	39.746	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.058	45	179070	38.174	ng	98
17) 2-Methylphenol	7.987	107	155326	39.985	ng	97
18) Hexachloroethane	8.605	117	81004	38.686	ng	99
19) n-Nitroso-di-n-propyla...	8.334	70	155872	39.410	ng	99
20) 3+4-Methylphenols	8.316	107	214822	39.568	ng	99
22) Acetophenone	8.358	105	305738	39.953	ng	# 98
24) Nitrobenzene	8.728	77	251029	40.611	ng	100
25) Isophorone	9.252	82	416133	40.403	ng	97
26) 2-Nitrophenol	9.434	139	104722	41.255	ng	98
27) 2,4-Dimethylphenol	9.493	122	118583	40.912	ng	97
28) bis(2-Chloroethoxy)met...	9.728	93	233551	39.922	ng	99
29) 2,4-Dichlorophenol	9.981	162	207410	41.340	ng	98
30) 1,2,4-Trichlorobenzene	10.175	180	251875	39.269	ng	99
31) Naphthalene	10.358	128	575968	39.984	ng	99
32) Benzoic acid	9.687	122	151070	43.405	ng	98
33) 4-Chloroaniline	10.481	127	213867	41.712	ng	99
34) Hexachlorobutadiene	10.634	225	183840	39.078	ng	98
35) Caprolactam	11.281	113	63766	42.455	ng	98
36) 4-Chloro-3-methylphenol	11.622	107	232324	41.532	ng	96
37) 2-Methylnaphthalene	11.975	142	434054	40.232	ng	99
38) 1-Methylnaphthalene	12.199	142	429522	40.112	ng	98
40) 1,2,4,5-Tetrachloroben...	12.352	216	315505	39.385	ng	99
41) Hexachlorocyclopentadiene	12.322	237	92546	41.137	ng	99
43) 2,4,6-Trichlorophenol	12.604	196	208788	40.981	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.693	196	235857	40.667	ng	97
46) 1,1'-Biphenyl	13.004	154	630468	40.082	ng	99
47) 2-Chloronaphthalene	13.051	162	513704	39.353	ng	99
48) 2-Nitroaniline	13.275	65	158873	41.774	ng	100
49) Acenaphthylene	13.916	152	724766	39.757	ng	99
50) Dimethylphthalate	13.651	163	706831	40.800	ng	100
51) 2,6-Dinitrotoluene	13.769	165	162233	41.184	ng	96
52) Acenaphthene	14.269	154	457584	39.034	ng	98
53) 3-Nitroaniline	14.110	138	137152	42.853	ng	98
54) 2,4-Dinitrophenol	14.346	184	104384	42.702	ng	97
55) Dibenzofuran	14.604	168	816505	39.662	ng	98
56) 4-Nitrophenol	14.463	139	115701	43.954	ng	93
57) 2,4-Dinitrotoluene	14.604	165	236843	41.590	ng	96
58) Fluorene	15.269	166	681562	39.849	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.834	232	222856	39.842	ng	99
60) Diethylphthalate	15.046	149	693866	40.270	ng	99
61) 4-Chlorophenyl-phenyle...	15.269	204	395838	39.268	ng	96
62) 4-Nitroaniline	15.316	138	135521	41.264	ng	98
63) Azobenzene	15.569	77	595928	40.221	ng	98
65) 4,6-Dinitro-2-methylph...	15.387	198	153503	41.925	ng	94
66) n-Nitrosodiphenylamine	15.487	169	592942	39.852	ng	100
67) 4-Bromophenyl-phenylether	16.181	248	286993	39.759	ng	96
68) Hexachlorobenzene	16.298	284	361485	39.098	ng	97
69) Atrazine	16.475	200	217212	43.312	ng	99
70) Pentachlorophenol	16.663	266	241056	40.826	ng	97
71) Phenanthrene	17.057	178	1142024	39.210	ng	99
72) Anthracene	17.163	178	1133211	40.542	ng	99
73) Carbazole	17.451	167	1050051	39.333	ng	100
74) Di-n-butylphthalate	18.028	149	1202608	40.421	ng	99
75) Fluoranthene	19.157	202	1580563	39.120	ng	99
77) Benzidine	19.369	184	418281	31.391	ng	99
78) Pyrene	19.539	202	1625377	40.716	ng	100
80) Butylbenzylphthalate	20.486	149	567726	41.710	ng	99
81) Benzo(a)anthracene	21.439	228	1642543	39.139	ng	100
82) 3,3'-Dichlorobenzidine	21.369	252	677512	39.880	ng	99
83) Chrysene	21.510	228	1568804	39.909	ng	100
84) Bis(2-ethylhexyl)phtha...	21.375	149	823006	42.133	ng	100
85) Di-n-octyl phthalate	22.604	149	1307288	40.048	ng	100
87) Indeno(1,2,3-cd)pyrene	28.362	276	2139935	39.666	ng	# 88
88) Benzo(b)fluoranthene	23.674	252	1881633	40.041	ng	99
89) Benzo(k)fluoranthene	23.733	252	1771318	39.919	ng	99
90) Benzo(a)pyrene	24.545	252	1614785	40.160	ng	99
91) Dibenzo(a,h)anthracene	28.433	278	1748539	39.523	ng	100
92) Benzo(g,h,i)perylene	29.504	276	1798186	39.668	ng	99

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

