

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
 Data File : BP021488.D
 Acq On : 13 Aug 2024 17:36
 Operator : RC/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC080

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/14/2024

Supervised By :mohammad ahmed 08/14/2024

Quant Time: Aug 13 23:48:09 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Tue Aug 13 23:44:24 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	405636	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	1590621	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	991938	20.000	ng	0.00
64) Phenanthrene-d10	17.239	188	2007991	20.000	ng	-0.01
76) Chrysene-d12	21.698	240	1834396	20.000	ng	0.00
86) Perylene-d12	25.110	264	2148798	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	4326213	158.364	ng	0.00
7) Phenol-d6	6.969	99	6182538	155.142	ng	0.00
23) Nitrobenzene-d5	8.957	82	5476064	177.696	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	1902622	172.341	ng	-0.02
45) 2-Fluorobiphenyl	13.063	172	9945684	153.020	ng	0.00
79) Terphenyl-d14	19.969	244	13720759	145.311	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	981936	75.807	ng	99
3) Pyridine	3.705	79	2799665m	77.425	ng	
4) n-Nitrosodimethylamine	3.617	42	842879	77.551	ng	100
6) Aniline	7.140	93	2987211	74.981	ng	99
8) 2-Chlorophenol	7.375	128	1999068	79.186	ng	100
10) Phenol	6.993	94	3198266	77.502	ng	98
11) bis(2-Chloroethyl)ether	7.234	93	2653675	75.997	ng	98
12) 1,3-Dichlorobenzene	7.699	146	2278631	75.987	ng	99
13) 1,4-Dichlorobenzene	7.840	146	2292726	75.717	ng	99
14) 1,2-Dichlorobenzene	8.158	146	2200854	75.423	ng	100
15) Benzyl Alcohol	8.040	79	2214742	77.457	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.334	45	2391178	74.359	ng	99
17) 2-Methylphenol	8.234	107	1995331	76.484	ng	100
18) Hexachloroethane	8.887	117	957451	78.852	ng	98
19) n-Nitroso-di-n-propyla...	8.610	70	1923242	69.865	ng	99
20) 3+4-Methylphenols	8.563	107	2709790	77.033	ng	99
22) Acetophenone	8.622	105	3753281	76.808	ng	99
24) Nitrobenzene	8.999	77	2888411	86.298	ng	97
25) Isophorone	9.522	82	5496234	75.494	ng	100
27) 2,4-Dimethylphenol	9.763	122	1443721	80.354	ng	99
28) bis(2-Chloroethoxy)met...	10.004	93	3455210	77.749	ng	99
29) 2,4-Dichlorophenol	10.240	162	1832311	86.313	ng	100
30) 1,2,4-Trichlorobenzene	10.457	180	2181467	80.153	ng	99
31) Naphthalene	10.646	128	6530682	78.593	ng	99
32) Benzoic acid	9.922	122	1191515	79.618	ng	99
33) 4-Chloroaniline	10.746	127	2421138	77.568	ng	99
34) Hexachlorobutadiene	10.946	225	1379696	80.513	ng	97
35) Caprolactam	11.522	113	702638m	79.529	ng	
36) 4-Chloro-3-methylphenol	11.869	107	2368621	80.436	ng	98
37) 2-Methylnaphthalene	12.257	142	4347439	76.659	ng	100
38) 1-Methylnaphthalene	12.481	142	4237982	75.769	ng	99
40) 1,2,4,5-Tetrachloroben...	12.628	216	2395337	82.416	ng	100
41) Hexachlorocyclopentadiene	12.616	237	847184	91.971	ng	98
43) 2,4,6-Trichlorophenol	12.863	196	1454749	90.107	ng	100
44) 2,4,5-Trichlorophenol	12.928	196	1603816	89.412	ng	97
46) 1,1'-Biphenyl	13.275	154	5498161	78.343	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.310	162	4315309	78.980	ng	99
48) 2-Nitroaniline	13.504	65	1301093	81.000	ng	93
49) Acenaphthylene	14.169	152	6229370	77.556	ng	100
50) Dimethylphthalate	13.904	163	5104657	76.844	ng	99
51) 2,6-Dinitrotoluene	14.010	165	1121870	80.745	ng	97
52) Acenaphthene	14.510	154	4136001	78.480	ng	99
53) 3-Nitroaniline	14.340	138	1100154	80.567	ng	# 95
54) 2,4-Dinitrophenol	14.545	184	370353	79.528	ng	92
55) Dibenzofuran	14.851	168	6247950	77.067	ng	99
56) 4-Nitrophenol	14.640	139	885944	80.388	ng	97
57) 2,4-Dinitrotoluene	14.804	165	1449693	81.172	ng	96
58) Fluorene	15.510	166	4891299	73.441	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.075	232	1322486	86.863	ng	100
60) Diethylphthalate	15.292	149	5198353	76.268	ng	99
61) 4-Chlorophenyl-phenyle...	15.510	204	2556419	74.256	ng	98
62) 4-Nitroaniline	15.522	138	1101954	79.329	ng	94
63) Azobenzene	15.804	77	6169252	73.633	ng	97
65) 4,6-Dinitro-2-methylph...	15.575	198	600088	79.442	ng	100
66) n-Nitrosodiphenylamine	15.722	169	4264380	79.247	ng	99
67) 4-Bromophenyl-phenylether	16.416	248	1731598	81.480	ng	98
68) Hexachlorobenzene	16.534	284	1994136	79.402	ng	99
69) Atrazine	16.698	200	1395641	75.542	ng	98
70) Pentachlorophenol	16.881	266	1256277	91.649	ng	100
71) Phenanthrene	17.286	178	7482235	77.481	ng	99
72) Anthracene	17.381	178	7350512	77.613	ng	100
73) Carbazole	17.651	167	7163944	78.491	ng	99
74) Di-n-butylphthalate	18.257	149	9044596	80.689	ng	100
75) Fluoranthene	19.369	202	9185836	77.525	ng	99
77) Benzidine	19.557	184	3000610	82.290	ng	99
78) Pyrene	19.745	202	9406096	78.450	ng	99
80) Butylbenzylphthalate	20.704	149	3806046	80.964	ng	98
81) Benzo(a)anthracene	21.680	228	9116699	79.168	ng	98
82) 3,3'-Dichlorobenzidine	21.598	252	3092890	83.768	ng	100
83) Chrysene	21.751	228	8577622	78.894	ng	98
84) Bis(2-ethylhexyl)phtha...	21.639	149	6062099	89.068	ng	100
85) Di-n-octyl phthalate	22.957	149	10099312	80.797	ng	99
87) Indeno(1,2,3-cd)pyrene	29.009	276	11599453m	83.285	ng	
88) Benzo(b)fluoranthene	24.045	252	9994213	80.984	ng	100
89) Benzo(k)fluoranthene	24.121	252	9544162	79.279	ng	99
90) Benzo(a)pyrene	24.962	252	8757562	81.773	ng	100
91) Dibenzo(a,h)anthracene	29.098	278	9530458	82.349	ng	100
92) Benzo(g,h,i)perylene	30.209	276	9695156	83.581	ng	100

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

