

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021424\
 Data File : BM044077.D
 Acq On : 14 Feb 2024 11:45
 Operator : MA/JU
 Sample : PB158983BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

PB158983BS

Manual Integrations

APPROVED

Reviewed By :Yogesh
 Patel

Quant Time: Feb 14 12:33:23 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Feb 09 02:42:01 2024

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.905	152	516912	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	2183936	20.000	ng	-0.01
39) Acenaphthene-d10	14.545	164	1166749	20.000	ng	-0.01
64) Phenanthrene-d10	17.298	188	2026083	20.000	ng	0.00
76) Chrysene-d12	21.504	240	1237835	20.000	ng	0.00
86) Perylene-d12	23.892	264	1179790	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	5081834	142.987	ng	0.00
7) Phenol-d6	7.081	99	6315707	139.667	ng	0.00
23) Nitrobenzene-d5	9.081	82	3667681	89.115	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1422187	112.580	ng	0.00
45) 2-Fluorobiphenyl	13.175	172	7002696	84.706	ng	0.00
79) Terphenyl-d14	19.939	244	6966262	98.657	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.387	88	543305	38.519	ng	99
3) Pyridine	3.781	79	1375944	36.950	ng	100
4) n-Nitrosodimethylamine	3.705	42	723931	51.237	ng	99
6) Aniline	7.240	93	1529968	34.411	ng	100
8) 2-Chlorophenol	7.469	128	1819100	49.014	ng	99
9) Benzaldehyde	7.052	77	50515	2.174	ng	96
10) Phenol	7.105	94	2290366	50.186	ng	100
11) bis(2-Chloroethyl)ether	7.340	93	1764584	46.692	ng	100
12) 1,3-Dichlorobenzene	7.793	146	1731876	41.100	ng	99
13) 1,4-Dichlorobenzene	7.940	146	1769080	41.650	ng	99
14) 1,2-Dichlorobenzene	8.252	146	1693603	41.846	ng	99
15) Benzyl Alcohol	8.152	79	1413616m	48.012	ng	
16) 2,2'-oxybis(1-Chloropr...	8.446	45	2137164	44.608	ng	99
17) 2-Methylphenol	8.352	107	1464313	48.879	ng	99
18) Hexachloroethane	8.975	117	673634	42.357	ng	97
19) n-Nitroso-di-n-propyla...	8.728	70	1277502	46.008	ng	99
20) 3+4-Methylphenols	8.687	107	1974179	47.880	ng	99
22) Acetophenone	8.740	105	2550676	46.013	ng	# 99
24) Nitrobenzene	9.122	77	1816895	43.109	ng	98
25) Isophorone	9.646	82	3438495	43.388	ng	99
26) 2-Nitrophenol	9.822	139	890795	45.588	ng	99
27) 2,4-Dimethylphenol	9.887	122	1414863	56.627	ng	98
28) bis(2-Chloroethoxy)met...	10.134	93	2314053	45.150	ng	100
29) 2,4-Dichlorophenol	10.357	162	1518005	46.146	ng	97
30) 1,2,4-Trichlorobenzene	10.569	180	1494157	40.393	ng	99
31) Naphthalene	10.757	128	4988377	41.385	ng	100
32) Benzoic acid	10.052	122	1160191	46.096	ng	99
33) 4-Chloroaniline	10.875	127	485129	10.629	ng	99
34) Hexachlorobutadiene	11.028	225	790439	37.333	ng	98
35) Caprolactam	11.681	113	462685	43.709	ng	97
36) 4-Chloro-3-methylphenol	12.004	107	1609989	45.198	ng	100
37) 2-Methylnaphthalene	12.369	142	3287973	40.952	ng	98
38) 1-Methylnaphthalene	12.593	142	3199709	40.557	ng	99
40) 1,2,4,5-Tetrachloroben...	12.734	216	1525108	44.971	ng	# 98
41) Hexachlorocyclopentadiene	12.704	237	1805748	122.008	ng	99
43) 2,4,6-Trichlorophenol	12.981	196	1064105	46.105	ng	100

02/15/2024

Supervised By :mohammad
 Ahmed

02/15/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	1135511	44.832	ng	96
46) 1,1'-Biphenyl	13.387	154	4232484	45.973	ng	99
47) 2-Chloronaphthalene	13.428	162	3161307	43.348	ng	99
48) 2-Nitroaniline	13.640	65	953813	46.490	ng	94
49) Acenaphthylene	14.269	152	5081332	46.703	ng	99
50) Dimethylphthalate	14.022	163	3699687	42.767	ng	100
51) 2,6-Dinitrotoluene	14.145	165	807448	42.306	ng	98
52) Acenaphthene	14.616	154	2897962	43.036	ng	99
53) 3-Nitroaniline	14.469	138	484128	23.603	ng	96
54) 2,4-Dinitrophenol	14.675	184	950688	82.765	ng	98
55) Dibenzofuran	14.951	168	4412892	42.341	ng	99
56) 4-Nitrophenol	14.775	139	1435615	86.098	ng	96
57) 2,4-Dinitrotoluene	14.928	165	1044979	41.891	ng	99
58) Fluorene	15.598	166	3354263	41.649	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.175	232	861845	43.365	ng	96
60) Diethylphthalate	15.386	149	3696980	41.351	ng	98
61) 4-Chlorophenyl-phenyle...	15.598	204	1562952	40.051	ng	97
62) 4-Nitroaniline	15.634	138	801673	38.827	ng	97
63) Azobenzene	15.892	77	3731416	44.485	ng	99
65) 4,6-Dinitro-2-methylph...	15.686	198	529560	43.862	ng	97
66) n-Nitrosodiphenylamine	15.816	169	2976221	48.351	ng	100
67) 4-Bromophenyl-phenylether	16.498	248	930918	46.472	ng	100
68) Hexachlorobenzene	16.592	284	1020657	41.594	ng	95
69) Atrazine	16.781	200	915028	54.899	ng	98
70) Pentachlorophenol	16.945	266	1297431	81.278	ng	99
71) Phenanthrene	17.345	178	4861688	45.441	ng	99
72) Anthracene	17.433	178	4859968	45.883	ng	100
73) Carbazole	17.710	167	4362117	42.347	ng	99
74) Di-n-butylphthalate	18.286	149	5870142	43.842	ng	100
75) Fluoranthene	19.363	202	4754010	39.557	ng	99
77) Benzidine	19.557	184	894364	46.493	ng	99
78) Pyrene	19.727	202	4859177	50.971	ng	100
80) Butylbenzylphthalate	20.651	149	2206474	52.069	ng	97
81) Benzo(a)anthracene	21.486	228	3998537	46.439	ng	99
82) 3,3'-Dichlorobenzidine	21.427	252	879402	31.128	ng	99
83) Chrysene	21.539	228	3651240	44.885	ng	100
84) Bis(2-ethylhexyl)phtha...	21.433	149	3158763	50.521	ng	99
85) Di-n-octyl phthalate	22.374	149	5152916	47.190	ng	99
87) Indeno(1,2,3-cd)pyrene	26.386	276	3767709	45.121	ng	98
88) Benzo(b)fluoranthene	23.168	252	3466538	47.004	ng	99
89) Benzo(k)fluoranthene	23.221	252	3410688	48.669	ng	99
90) Benzo(a)pyrene	23.792	252	3015151	46.806	ng	100
91) Dibenzo(a,h)anthracene	26.409	278	3186685	45.625	ng	99
92) Benzo(g,h,i)perylene	27.145	276	3085940	43.565	ng	98

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

