

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091624\
 Data File : BP021934.D
 Acq On : 16 Sep 2024 15:14
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :

BNA_P

ClientSampleId :

SSTDICC060

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/17/2024

Supervised By :mohammad ahmed 09/17/2024

Quant Time: Sep 16 16:42:54 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091624.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 16 16:26:06 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.745	152	105157	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	405253	20.000	ng	0.00
39) Acenaphthene-d10	14.357	164	295002	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	666920	20.000	ng	0.00
76) Chrysene-d12	21.568	240	662277	20.000	ng	0.00
86) Perylene-d12	24.868	264	770846	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	929989	159.601	ng	0.00
7) Phenol-d6	6.928	99	908161	127.173	ng	0.00
23) Nitrobenzene-d5	8.887	82	955873	129.411	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	493532	127.406	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	2367352	122.291	ng	0.00
79) Terphenyl-d14	19.862	244	4165271	124.232	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	3.604	42	273317	77.719	ng	96
6) Aniline	7.087	93	402442	62.364	ng	99
8) 2-Chlorophenol	7.322	128	367806	60.555	ng	100
9) Benzaldehyde	6.898	77	215684	56.663	ng	99
10) Phenol	6.957	94	445895	62.718	ng	99
11) bis(2-Chloroethyl)ether	7.181	93	342353	60.045	ng	96
12) 1,3-Dichlorobenzene	7.640	146	452302	59.866	ng	99
13) 1,4-Dichlorobenzene	7.781	146	454923	59.480	ng	100
14) 1,2-Dichlorobenzene	8.092	146	433422	59.224	ng	98
15) Benzyl Alcohol	7.981	79	352777	64.382	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.269	45	376015	59.580	ng	100
17) 2-Methylphenol	8.181	107	308112	62.064	ng	98
18) Hexachloroethane	8.810	117	171765	61.057	ng	99
19) n-Nitroso-di-n-propyla...	8.545	70	301338	62.776	ng	98
20) 3+4-Methylphenols	8.504	107	438153	62.955	ng	98
22) Acetophenone	8.557	105	603736	63.333	ng	# 98
24) Nitrobenzene	8.928	77	491671	64.310	ng	99
25) Isophorone	9.451	82	809322	68.540	ng	99
26) 2-Nitrophenol	9.634	139	212742	70.575	ng	100
27) 2,4-Dimethylphenol	9.692	122	248559	66.444	ng	94
28) bis(2-Chloroethoxy)met...	9.922	93	478814	61.225	ng	99
29) 2,4-Dichlorophenol	10.163	162	405183	63.323	ng	98
30) 1,2,4-Trichlorobenzene	10.369	180	466219	59.787	ng	98
31) Naphthalene	10.557	128	1222366	60.309	ng	99
32) Benzoic acid	9.851	122	288169	70.384	ng	96
33) 4-Chloroaniline	10.669	127	462487	62.034	ng	97
34) Hexachlorobutadiene	10.845	225	328170	60.888	ng	99
35) Caprolactam	11.457	113	123643	63.386	ng	97
36) 4-Chloro-3-methylphenol	11.786	107	444907	63.995	ng	96
37) 2-Methylnaphthalene	12.163	142	898987	61.008	ng	97
38) 1-Methylnaphthalene	12.380	142	884287	60.549	ng	99
40) 1,2,4,5-Tetrachloroben...	12.539	216	547566	61.831	ng	99
41) Hexachlorocyclopentadiene	12.516	237	201672	65.384	ng	99
43) 2,4,6-Trichlorophenol	12.769	196	364972	64.489	ng	97
44) 2,4,5-Trichlorophenol	12.851	196	411975	63.444	ng	96
46) 1,1'-Biphenyl	13.180	154	1202560	59.812	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	13.222	162	979854	60.699	ng	98
48) 2-Nitroaniline	13.422	65	295446	66.617	ng	98
49) Acenaphthylene	14.075	152	1424925	61.640	ng	99
50) Dimethylphthalate	13.804	163	1274314	60.327	ng	100
51) 2,6-Dinitrotoluene	13.927	165	292628	62.913	ng	94
52) Acenaphthene	14.427	154	935854	62.156	ng	99
53) 3-Nitroaniline	14.263	138	275878	64.757	ng	100
54) 2,4-Dinitrophenol	14.469	184	163595	67.783	ng	89
55) Dibenzofuran	14.763	168	1489684	61.939	ng	97
56) 4-Nitrophenol	14.574	139	237274	63.827	ng	# 81
57) 2,4-Dinitrotoluene	14.722	165	415277	66.069	ng	94
58) Fluorene	15.422	166	1237600	62.837	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.992	232	361867m	65.472	ng	
60) Diethylphthalate	15.192	149	1313774	62.995	ng	99
61) 4-Chlorophenyl-phenyle...	15.410	204	652910	61.832	ng	92
62) 4-Nitroaniline	15.433	138	297149	66.125	ng	88
63) Azobenzene	15.710	77	1154632	63.417	ng	95
65) 4,6-Dinitro-2-methylph...	15.498	198	234561	66.486	ng	95
66) n-Nitrosodiphenylamine	15.633	169	1043792	61.164	ng	99
67) 4-Bromophenyl-phenylether	16.327	248	415579	61.109	ng	96
68) Hexachlorobenzene	16.439	284	494275	61.040	ng	95
69) Atrazine	16.610	200	357190	57.144	ng	96
70) Pentachlorophenol	16.792	266	352109	64.586	ng	100
71) Phenanthrene	17.180	178	1953530	59.615	ng	100
72) Anthracene	17.286	178	1898532	60.295	ng	99
73) Carbazole	17.557	167	1824409	58.472	ng	98
74) Di-n-butylphthalate	18.157	149	2241128	61.535	ng	99
75) Fluoranthene	19.274	202	2497652	58.376	ng	99
78) Pyrene	19.651	202	2615519	61.790	ng	100
80) Butylbenzylphthalate	20.592	149	1042837	65.172	ng	98
81) Benzo(a)anthracene	21.545	228	2580014	60.478	ng	100
82) 3,3'-Dichlorobenzidine	21.468	252	876482	61.630	ng	98
83) Chrysene	21.615	228	2450030	60.068	ng	99
84) Bis(2-ethylhexyl)phtha...	21.486	149	1482720	63.553	ng	99
85) Di-n-octyl phthalate	22.751	149	2528000	65.624	ng	99
87) Indeno(1,2,3-cd)pyrene	28.627	276	3019526m	61.023	ng	
88) Benzo(b)fluoranthene	23.827	252	2827722	64.206	ng	99
89) Benzo(k)fluoranthene	23.898	252	2616493	62.603	ng	98
90) Benzo(a)pyrene	24.715	252	2428855	62.015	ng	99
91) Dibenzo(a,h)anthracene	28.709	278	2488129	60.731	ng	97
92) Benzo(g,h,i)perylene	29.797	276	2610859	61.268	ng	98

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

