

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060624\
 Data File : BF138132.D
 Acq On : 06 Jun 2024 14:36
 Operator : CG\JU
 Sample : PB161196BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB161196BS

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 06/07/2024
 Supervised By :mohammad ahmed 06/08/2024

Quant Time: Jun 06 15:33:46 2024

Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060524.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Jun 06 05:19:29 2024

Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	534062	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	2178234	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	1239306	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	2107693	20.000	ng	0.00
76) Chrysene-d12	14.074	240	1133130	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	862304	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.551	112	3770935	120.334	ng	0.02
7) Phenol-d6	6.539	99	4863994	122.677	ng	0.00
23) Nitrobenzene-d5	7.475	82	2998732	93.666	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	1507730	126.416	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	5469727	77.172	ng	0.00
79) Terphenyl-d14	13.021	244	5917692	78.114	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.887	88	462044	32.170	ng	99
3) Pyridine	3.616	79	1132205	32.171	ng	98
4) n-Nitrosodimethylamine	3.581	42	727924	42.133	ng	95
6) Aniline	6.569	93	1227913	30.544	ng	100
8) 2-Chlorophenol	6.692	128	1584685	46.743	ng	98
10) Phenol	6.557	94	1867532m	45.846	ng	
11) bis(2-Chloroethyl)ether	6.645	93	1422290	43.554	ng	98
12) 1,3-Dichlorobenzene	6.851	146	1586071	40.831	ng	99
13) 1,4-Dichlorobenzene	6.928	146	1609842	41.150	ng	100
14) 1,2-Dichlorobenzene	7.075	146	1560859	42.504	ng	99
15) Benzyl Alcohol	7.051	79	1270432	45.285	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.181	45	2052711	42.818	ng	97
17) 2-Methylphenol	7.157	107	1233048	44.935	ng	99
18) Hexachloroethane	7.422	117	567691	42.516	ng	96
19) n-Nitroso-di-n-propyla...	7.328	70	1080938	42.756	ng	98
20) 3+4-Methylphenols	7.316	107	1486577	43.537	ng	92
22) Acetophenone	7.322	105	2018064	40.244	ng	96
24) Nitrobenzene	7.492	77	1559687	44.721	ng	100
25) Isophorone	7.733	82	2914462	41.322	ng	98
26) 2-Nitrophenol	7.804	139	758972	50.907	ng	99
27) 2,4-Dimethylphenol	7.839	122	1189869	48.568	ng	98
28) bis(2-Chloroethoxy)met...	7.939	93	1801096	41.923	ng	100
29) 2,4-Dichlorophenol	8.045	162	1349366	45.698	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	1451334	40.736	ng	98
31) Naphthalene	8.216	128	4190296	39.772	ng	98
32) Benzoic acid	7.980	122	922817	49.070	ng	97
33) 4-Chloroaniline	8.257	127	747673	18.882	ng	99
34) Hexachlorobutadiene	8.328	225	824722	39.392	ng	99
35) Caprolactam	8.645	113	389036m	39.457	ng	
36) 4-Chloro-3-methylphenol	8.739	107	1349826	44.609	ng	99
37) 2-Methylnaphthalene	8.904	142	2893625	40.742	ng	98
38) 1-Methylnaphthalene	9.004	142	2699268	38.816	ng	100
40) 1,2,4,5-Tetrachloroben...	9.069	216	1447376	41.366	ng	99
41) Hexachlorocyclopentadiene	9.057	237	1323537	114.586	ng	99
43) 2,4,6-Trichlorophenol	9.180	196	1015350	47.795	ng	98
44) 2,4,5-Trichlorophenol	9.222	196	1064710	45.484	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.369	154	3517041	40.402	ng	99
47) 2-Chloronaphthalene	9.392	162	2786217	40.162	ng	99
48) 2-Nitroaniline	9.486	65	795905	46.352	ng	94
49) Acenaphthylene	9.810	152	4184538	42.624	ng	97
50) Dimethylphthalate	9.674	163	3222364	41.381	ng	99
51) 2,6-Dinitrotoluene	9.733	165	741749	44.180	ng	92
52) Acenaphthene	9.980	154	2882270	43.451	ng	100
53) 3-Nitroaniline	9.898	138	521942	31.905	ng	99
54) 2,4-Dinitrophenol	10.004	184	589363	86.096	ng	95
55) Dibenzofuran	10.157	168	3753405	40.005	ng	99
56) 4-Nitrophenol	10.063	139	1143592	96.554	ng	97
57) 2,4-Dinitrotoluene	10.139	165	944936	47.004	ng	86
58) Fluorene	10.498	166	2836553	38.063	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.269	232	872338	47.246	ng	99
60) Diethylphthalate	10.374	149	3030486	39.865	ng	99
61) 4-Chlorophenyl-phenyle...	10.486	204	1474308	38.941	ng	99
62) 4-Nitroaniline	10.522	138	708804	48.765	ng	96
63) Azobenzene	10.651	77	2898835	39.591	ng	96
65) 4,6-Dinitro-2-methylph...	10.545	198	403217	50.529	ng	80
66) n-Nitrosodiphenylamine	10.610	169	2726627	43.321	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	1034740	43.116	ng	92
68) Hexachlorobenzene	11.039	284	1186301	42.520	ng	96
69) Atrazine	11.139	200	921373	45.499	ng	100
70) Pentachlorophenol	11.233	266	1347895	90.250	ng	98
71) Phenanthrene	11.463	178	4078861	40.200	ng	98
72) Anthracene	11.510	178	4160255	41.109	ng	98
73) Carbazole	11.663	167	3725706	40.257	ng	99
74) Di-n-butylphthalate	11.998	149	4261762	39.177	ng	100
75) Fluoranthene	12.645	202	4226247	38.603	ng	98
77) Benzidine	12.763	184	382386	32.793	ng	99
78) Pyrene	12.874	202	4271099	41.678	ng	99
80) Butylbenzylphthalate	13.498	149	1657668	48.986	ng	90
81) Benzo(a)anthracene	14.062	228	2939732	41.121	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	661508	36.507	ng	98
83) Chrysene	14.098	228	2853565	41.591	ng	98
84) Bis(2-ethylhexyl)phtha...	14.057	149	2171435	44.044	ng	99
85) Di-n-octyl phthalate	14.668	149	3194568	47.074	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	2080864	44.590	ng	99
88) Benzo(b)fluoranthene	15.115	252	2324437	42.879	ng	100
89) Benzo(k)fluoranthene	15.145	252	2369149	45.829	ng	98
90) Benzo(a)pyrene	15.486	252	1973803	48.077	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	1667770	44.685	ng	99
92) Benzo(g,h,i)perylene	17.492	276	1625429	42.079	ng	99

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

