

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
 Data File : BF135446.D
 Acq On : 26 Sep 2023 11:44
 Operator : CG\JU
 Sample : PB155707BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB155707BS

Quant Time: Sep 27 02:08:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/29/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	179022	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	710493	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	346659	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	636366	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	320370	20.000	ng	0.00
86) Perylene-d12	15.410	264	318112	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1261544	114.614	ng	0.02
7) Phenol-d6	6.410	99	1574769	112.516	ng	0.00
23) Nitrobenzene-d5	7.322	82	1007541	77.044	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	340120	98.730	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1638291	71.301	ng	0.00
79) Terphenyl-d14	12.880	244	1522957	73.692	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	193734	40.150	ng	92
3) Pyridine	3.322	79	489976	37.730	ng	94
4) n-Nitrosodimethylamine	3.281	42	306779	44.516	ng	92
6) Aniline	6.422	93	505412	27.538	ng	# 20
8) 2-Chlorophenol	6.545	128	523168	44.525	ng	97
9) Benzaldehyde	6.310	77	168252	21.102	ng	97
10) Phenol	6.422	94	594779	38.755	ng	82
11) bis(2-Chloroethyl)ether	6.498	93	511180	44.404	ng	100
12) 1,3-Dichlorobenzene	6.693	146	499766	41.852	ng	99
13) 1,4-Dichlorobenzene	6.775	146	515320	42.416	ng	98
14) 1,2-Dichlorobenzene	6.922	146	482714	42.785	ng	97
15) Benzyl Alcohol	6.904	79	419564	41.775	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.034	45	927699	42.753	ng	88
17) 2-Methylphenol	7.022	107	417399	40.255	ng	94
18) Hexachloroethane	7.257	117	195970	43.655	ng	90
19) n-Nitroso-di-n-propyla...	7.175	70	330505	38.125	ng	97
20) 3+4-Methylphenols	7.175	107	481741	38.638	ng	# 84
22) Acetophenone	7.169	105	646281	39.787	ng	96
24) Nitrobenzene	7.340	77	536360	41.495	ng	98
25) Isophorone	7.581	82	1002675	41.754	ng	98
26) 2-Nitrophenol	7.657	139	276599	44.586	ng	94
27) 2,4-Dimethylphenol	7.698	122	437385	41.945	ng	95
28) bis(2-Chloroethoxy)met...	7.792	93	629101	43.770	ng	99
29) 2,4-Dichlorophenol	7.904	162	403063	41.715	ng	98
30) 1,2,4-Trichlorobenzene	7.975	180	419811	41.568	ng	99
31) Naphthalene	8.057	128	1420425	41.147	ng	99
32) Benzoic acid	7.845	122	323002	41.136	ng	98
33) 4-Chloroaniline	8.110	127	401554	26.513	ng	99
34) Hexachlorobutadiene	8.169	225	231932	38.086	ng	99
35) Caprolactam	8.487	113	133310m	41.109	ng	
36) 4-Chloro-3-methylphenol	8.604	107	449517	41.858	ng	98
37) 2-Methylnaphthalene	8.751	142	882876	38.047	ng	98
38) 1-Methylnaphthalene	8.851	142	842830	38.795	ng	98
40) 1,2,4,5-Tetrachloroben...	8.916	216	409307	40.755	ng	99
41) Hexachlorocyclopentadiene	8.898	237	228629	54.280	ng	98
43) 2,4,6-Trichlorophenol	9.034	196	274979	41.818	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	298015	39.355	ng	97
46) 1,1'-Biphenyl	9.216	154	1082440	40.632	ng	98
47) 2-Chloronaphthalene	9.239	162	816593	42.247	ng	98
48) 2-Nitroaniline	9.345	65	327512	43.614	ng	98
49) Acenaphthylene	9.657	152	1302038	40.532	ng	100
50) Dimethylphthalate	9.522	163	956850	40.825	ng	100
51) 2,6-Dinitrotoluene	9.592	165	215309	41.934	ng	85
52) Acenaphthene	9.828	154	778079	41.002	ng	98
53) 3-Nitroaniline	9.763	138	201085	33.364	ng	89
54) 2,4-Dinitrophenol	9.881	184	207769	71.962	ng	92
55) Dibenzofuran	10.004	168	1095478	37.830	ng	99
56) 4-Nitrophenol	9.939	139	290833	75.927	ng	97
57) 2,4-Dinitrotoluene	9.998	165	243860	37.938	ng	# 82
58) Fluorene	10.345	166	873728	39.247	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	242868	41.693	ng	99
60) Diethylphthalate	10.222	149	928263	39.464	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	394968	36.934	ng	95
62) 4-Nitroaniline	10.381	138	249571	43.079	ng	96
63) Azobenzene	10.498	77	968629	42.077	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	143771	42.537	ng	87
66) n-Nitrosodiphenylamine	10.463	169	804579	41.762	ng	100
67) 4-Bromophenyl-phenylether	10.828	248	255897	40.432	ng	94
68) Hexachlorobenzene	10.898	284	271540	42.113	ng	96
69) Atrazine	10.992	200	243091	46.894	ng	98
70) Pentachlorophenol	11.098	266	223745	57.998	ng	98
71) Phenanthrene	11.316	178	1252281	41.608	ng	100
72) Anthracene	11.363	178	1289179	41.671	ng	99
73) Carbazole	11.528	167	1238399	43.973	ng	99
74) Di-n-butylphthalate	11.857	149	1419513	42.775	ng	99
75) Fluoranthene	12.510	202	1292419	41.211	ng	99
77) Benzidine	12.633	184	304020	46.321	ng	100
78) Pyrene	12.739	202	1320136	43.281	ng	99
80) Butylbenzylphthalate	13.363	149	509174	47.413	ng	98
81) Benzo(a)anthracene	13.933	228	879700	42.524	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	239543	37.071	ng	# 99
83) Chrysene	13.969	228	854833	41.562	ng	99
84) Bis(2-ethylhexyl)phtha...	13.921	149	578765	52.518	ng	100
85) Di-n-octyl phthalate	14.539	149	868711	49.603	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	951261	45.608	ng	96
88) Benzo(b)fluoranthene	14.986	252	748470m	43.464	ng	
89) Benzo(k)fluoranthene	15.016	252	696432	40.940	ng	98
90) Benzo(a)pyrene	15.351	252	686075	41.778	ng	99
91) Dibenzo(a,h)anthracene	16.910	278	757705	44.399	ng	99
92) Benzo(g,h,i)perylene	17.345	276	807063	45.282	ng	97

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

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