

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012524\
 Data File : BF137151.D
 Acq On : 25 Jan 2024 17:03
 Operator : CG\JU
 Sample : PB158626BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158626BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 01/26/2024
 Supervised By :mohammad ahmed 01/29/2024

Quant Time: Jan 25 23:38:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 25 23:14:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	72230	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	283683	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	162697	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	318298	20.000	ng	0.00
76) Chrysene-d12	13.992	240	202408	20.000	ng	0.00
86) Perylene-d12	15.474	264	162117	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	603623	123.811	ng	0.02
7) Phenol-d6	6.451	99	793549	123.796	ng	0.00
23) Nitrobenzene-d5	7.375	82	511085	84.456	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	236355	138.101	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	910372	77.899	ng	0.00
79) Terphenyl-d14	12.939	244	1171706	82.779	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	75968	32.249	ng	97
3) Pyridine	3.434	79	180871	31.814	ng	97
4) n-Nitrosodimethylamine	3.398	42	131912	39.818	ng	99
6) Aniline	6.481	93	159268	20.594	ng	99
8) 2-Chlorophenol	6.598	128	212037	42.373	ng	99
9) Benzaldehyde	6.363	77	76281	22.684	ng	99
10) Phenol	6.463	94	291177	39.762	ng	99
11) bis(2-Chloroethyl)ether	6.557	93	220828	41.362	ng	99
12) 1,3-Dichlorobenzene	6.757	146	231181	40.442	ng	99
13) 1,4-Dichlorobenzene	6.834	146	235308	40.698	ng	99
14) 1,2-Dichlorobenzene	6.981	146	222810	40.778	ng	98
15) Benzyl Alcohol	6.957	79	223517m	43.011	ng	
16) 2,2'-oxybis(1-Chloropr...	7.092	45	366612	38.918	ng	97
17) 2-Methylphenol	7.063	107	182860	42.641	ng	99
18) Hexachloroethane	7.322	117	82462	42.252	ng	92
19) n-Nitroso-di-n-propyla...	7.234	70	179806	41.459	ng	97
20) 3+4-Methylphenols	7.216	107	228599	42.183	ng	92
22) Acetophenone	7.222	105	321599	39.877	ng	# 86
24) Nitrobenzene	7.392	77	263857	43.360	ng	96
25) Isophorone	7.633	82	487126	40.766	ng	99
26) 2-Nitrophenol	7.710	139	91092	43.994	ng	95
27) 2,4-Dimethylphenol	7.745	122	172080	47.626	ng	98
28) bis(2-Chloroethoxy)met...	7.845	93	271355	40.306	ng	99
29) 2,4-Dichlorophenol	7.945	162	183768	42.311	ng	97
30) 1,2,4-Trichlorobenzene	8.033	180	205087	40.101	ng	99
31) Naphthalene	8.116	128	622809	40.657	ng	99
32) Benzoic acid	7.869	122	101865	43.745	ng	97
33) 4-Chloroaniline	8.163	127	117331	20.289	ng	98
34) Hexachlorobutadiene	8.233	225	136928	40.450	ng	99
35) Caprolactam	8.528	113	60482m	46.158	ng	
36) 4-Chloro-3-methylphenol	8.645	107	210211	42.491	ng	95
37) 2-Methylnaphthalene	8.804	142	413819	40.111	ng	99
38) 1-Methylnaphthalene	8.904	142	396521	41.365	ng	99
40) 1,2,4,5-Tetrachloroben...	8.969	216	223536	40.418	ng	99
41) Hexachlorocyclopentadiene	8.957	237	225336	100.226	ng	100
43) 2,4,6-Trichlorophenol	9.080	196	136601	42.001	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	149646	42.874	ng	96
46) 1,1'-Biphenyl	9.275	154	532964	41.089	ng	100
47) 2-Chloronaphthalene	9.292	162	391819	41.039	ng	99
48) 2-Nitroaniline	9.392	65	141075	44.493	ng	97
49) Acenaphthylene	9.710	152	628051	40.927	ng	99
50) Dimethylphthalate	9.580	163	471367	42.781	ng	100
51) 2,6-Dinitrotoluene	9.633	165	102117	46.216	ng	95
52) Acenaphthene	9.880	154	385495	40.589	ng	99
53) 3-Nitroaniline	9.804	138	67490	33.542	ng	99
54) 2,4-Dinitrophenol	9.910	184	89634	86.084	ng	97
55) Dibenzofuran	10.057	168	590814	41.238	ng	99
56) 4-Nitrophenol	9.963	139	168027	104.976	ng	97
57) 2,4-Dinitrotoluene	10.039	165	132923	47.340	ng	91
58) Fluorene	10.398	166	452225	41.178	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	140914	46.288	ng	98
60) Diethylphthalate	10.280	149	471065	43.593	ng	98
61) 4-Chlorophenyl-phenyle...	10.392	204	223967	40.913	ng	98
62) 4-Nitroaniline	10.422	138	98656	49.138	ng	98
63) Azobenzene	10.557	77	512815	40.750	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	57379	45.692	ng	89
66) n-Nitrosodiphenylamine	10.516	169	410034	42.019	ng	100
67) 4-Bromophenyl-phenylether	10.886	248	151779	41.385	ng	98
68) Hexachlorobenzene	10.945	284	161291	41.814	ng	98
69) Atrazine	11.045	200	105012	33.403	ng	98
70) Pentachlorophenol	11.139	266	207260	94.293	ng	97
71) Phenanthrene	11.363	178	702418	41.704	ng	100
72) Anthracene	11.416	178	711466	41.466	ng	99
73) Carbazole	11.574	167	628916	42.926	ng	99
74) Di-n-butylphthalate	11.916	149	726875	47.380	ng	100
75) Fluoranthene	12.557	202	774127	44.291	ng	100
77) Benzidine	12.680	184	74308	18.931	ng	97
78) Pyrene	12.786	202	783056	42.897	ng	99
80) Butylbenzylphthalate	13.421	149	201590	52.165	ng	98
81) Benzo(a)anthracene	13.980	228	642260	43.377	ng	98
82) 3,3'-Dichlorobenzidine	13.951	252	152448	41.645	ng	99
83) Chrysene	14.021	228	603309	42.990	ng	100
84) Bis(2-ethylhexyl)phtha...	13.992	149	304102	48.990	ng	100
85) Di-n-octyl phthalate	14.610	149	472455	49.510	ng	97
87) Indeno(1,2,3-cd)pyrene	16.986	276	479941	44.095	ng	100
88) Benzo(b)fluoranthene	15.045	252	501809	47.176	ng	99
89) Benzo(k)fluoranthene	15.074	252	470909	45.308	ng	98
90) Benzo(a)pyrene	15.415	252	414005	44.059	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	401841	45.807	ng	98
92) Benzo(g,h,i)perylene	17.445	276	387130	45.822	ng	99

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

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