

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136936.D
 Acq On : 04 Jan 2024 12:32
 Operator : CG\JU
 Sample : PB158180BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158180BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/05/2024
 Supervised By :mohammad ahmed 01/05/2024

Quant Time: Jan 04 12:56:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	82538	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	319407	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	164316	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	325198	20.000	ng	0.00
76) Chrysene-d12	13.974	240	180810	20.000	ng	0.00
86) Perylene-d12	15.457	264	156989	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	577487	109.167	ng	0.02
7) Phenol-d6	6.445	99	718492	104.821	ng	0.00
23) Nitrobenzene-d5	7.351	82	452060	72.423	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	223407	115.445	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	902304	73.857	ng	0.00
79) Terphenyl-d14	12.916	244	1022823	79.053	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	71768	32.561	ng	98
3) Pyridine	3.404	79	170763	31.754	ng	92
4) n-Nitrosodimethylamine	3.369	42	100434	34.972	ng	95
6) Aniline	6.457	93	221108	32.264	ng	# 13
8) 2-Chlorophenol	6.581	128	225699	38.988	ng	94
9) Benzaldehyde	6.340	77	93181	23.900	ng	98
10) Phenol	6.457	94	268282	36.665	ng	92
11) bis(2-Chloroethyl)ether	6.528	93	212195	38.133	ng	96
12) 1,3-Dichlorobenzene	6.728	146	227617	36.043	ng	96
13) 1,4-Dichlorobenzene	6.804	146	232350	36.009	ng	97
14) 1,2-Dichlorobenzene	6.951	146	221169	36.835	ng	99
15) Benzyl Alcohol	6.939	79	179701	38.860	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	332333	36.529	ng	75
17) 2-Methylphenol	7.057	107	178521	37.225	ng	93
18) Hexachloroethane	7.287	117	82961	35.402	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	152631	36.733	ng	97
20) 3+4-Methylphenols	7.210	107	228835	38.194	ng	# 53
22) Acetophenone	7.198	105	314213	39.248	ng	# 91
24) Nitrobenzene	7.369	77	225543	36.071	ng	99
25) Isophorone	7.610	82	418374	36.836	ng	99
26) 2-Nitrophenol	7.686	139	118324	39.552	ng	100
27) 2,4-Dimethylphenol	7.728	122	199699	54.831	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	262594	38.036	ng	99
29) 2,4-Dichlorophenol	7.934	162	184227	39.290	ng	94
30) 1,2,4-Trichlorobenzene	8.004	180	196151	37.546	ng	98
31) Naphthalene	8.086	128	646897	36.866	ng	99
32) Benzoic acid	7.881	122	139032	39.453	ng	96
33) 4-Chloroaniline	8.139	127	131757	20.337	ng	98
34) Hexachlorobutadiene	8.198	225	113864	35.873	ng	99
35) Caprolactam	8.522	113	63326m	40.939	ng	
36) 4-Chloro-3-methylphenol	8.639	107	201788	38.227	ng	99
37) 2-Methylnaphthalene	8.775	142	427352	37.842	ng	98
38) 1-Methylnaphthalene	8.875	142	396963	35.829	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	204583	40.203	ng	99
41) Hexachlorocyclopentadiene	8.928	237	140532	86.208	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	130425	39.964	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	138279	38.023	ng	99
46) 1,1'-Biphenyl	9.245	154	545395	39.554	ng	98
47) 2-Chloronaphthalene	9.269	162	397076	37.881	ng	99
48) 2-Nitroaniline	9.375	65	130479	39.750	ng	95
49) Acenaphthylene	9.686	152	635318	39.653	ng	100
50) Dimethylphthalate	9.551	163	478471	39.866	ng	100
51) 2,6-Dinitrotoluene	9.616	165	105370	38.684	ng	# 87
52) Acenaphthene	9.857	154	387167	38.983	ng	98
53) 3-Nitroaniline	9.786	138	86871	30.107	ng	97
54) 2,4-Dinitrophenol	9.904	184	98637	66.023	ng	88
55) Dibenzofuran	10.033	168	574243	38.142	ng	97
56) 4-Nitrophenol	9.975	139	128187	65.810	ng	98
57) 2,4-Dinitrotoluene	10.028	165	136342	38.557	ng	# 95
58) Fluorene	10.375	166	474386	39.712	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	116628	41.660	ng	99
60) Diethylphthalate	10.251	149	491022	39.430	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	227013	39.097	ng	99
62) 4-Nitroaniline	10.410	138	107683	38.712	ng	95
63) Azobenzene	10.528	77	451166	38.790	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	74163	39.793	ng	92
66) n-Nitrosodiphenylamine	10.492	169	429299	40.638	ng	98
67) 4-Bromophenyl-phenylether	10.857	248	140367	38.866	ng	99
68) Hexachlorobenzene	10.922	284	153528	38.146	ng	94
69) Atrazine	11.027	200	195445	72.335	ng	98
70) Pentachlorophenol	11.127	266	116056	61.864	ng	98
71) Phenanthrene	11.345	178	681982	40.871	ng	100
72) Anthracene	11.398	178	690429	40.857	ng	99
73) Carbazole	11.557	167	639895	40.163	ng	99
74) Di-n-butylphthalate	11.880	149	805244	41.419	ng	100
75) Fluoranthene	12.539	202	706702	39.595	ng	99
77) Benzidine	12.663	184	164579	30.870	ng	99
78) Pyrene	12.769	202	705822	39.766	ng	100
80) Butylbenzylphthalate	13.386	149	287735	44.551	ng	97
81) Benzo(a)anthracene	13.963	228	511177	40.714	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	143077	40.127	ng	98
83) Chrysene	14.004	228	483178	39.354	ng	99
84) Bis(2-ethylhexyl)phtha...	13.951	149	395731	48.699	ng	97
85) Di-n-octyl phthalate	14.568	149	584943	46.536	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	490289	43.255	ng	100
88) Benzo(b)fluoranthene	15.021	252	451588	43.068	ng	98
89) Benzo(k)fluoranthene	15.057	252	398206	40.191	ng	97
90) Benzo(a)pyrene	15.398	252	375813	42.461	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	409025	43.986	ng	97
92) Benzo(g,h,i)perylene	17.439	276	406008	42.629	ng	99

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

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