

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011024\
 Data File : BF137014.D
 Acq On : 10 Jan 2024 11:59
 Operator : CG\JU
 Sample : PB158292BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158292BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/11/2024
 Supervised By :mohammad ahmed 01/12/2024

Quant Time: Jan 10 12:25:07 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	73809	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	294125	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	155615	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	309120	20.000	ng	0.00
76) Chrysene-d12	13.980	240	179726	20.000	ng	0.01
86) Perylene-d12	15.463	264	136894	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	534943	113.084	ng	0.02
7) Phenol-d6	6.445	99	679257	110.817	ng	0.00
23) Nitrobenzene-d5	7.351	82	412426	71.753	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	212590	115.997	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	855397	73.932	ng	0.00
79) Terphenyl-d14	12.916	244	998224	77.617	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	65761	33.364	ng	97
3) Pyridine	3.404	79	152645	31.741	ng	97
4) n-Nitrosodimethylamine	3.375	42	88137	34.320	ng	88
6) Aniline	6.451	93	202363	33.021	ng	# 53
8) 2-Chlorophenol	6.581	128	208067	40.193	ng	93
9) Benzaldehyde	6.340	77	73925	21.203	ng	97
10) Phenol	6.457	94	253233	38.701	ng	97
11) bis(2-Chloroethyl)ether	6.528	93	189124	38.006	ng	98
12) 1,3-Dichlorobenzene	6.728	146	206257	36.523	ng	97
13) 1,4-Dichlorobenzene	6.804	146	208882	36.200	ng	97
14) 1,2-Dichlorobenzene	6.951	146	200237	37.293	ng	100
15) Benzyl Alcohol	6.940	79	165411	40.000	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	294001	36.137	ng	69
17) 2-Methylphenol	7.057	107	166448	38.812	ng	# 94
18) Hexachloroethane	7.287	117	74842	35.714	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	141361	38.044	ng	97
20) 3+4-Methylphenols	7.210	107	215170	40.160	ng	# 53
22) Acetophenone	7.198	105	290714	39.434	ng	# 90
24) Nitrobenzene	7.375	77	207672	36.068	ng	92
25) Isophorone	7.610	82	390058	37.294	ng	100
26) 2-Nitrophenol	7.687	139	110938	40.271	ng	99
27) 2,4-Dimethylphenol	7.728	122	189495	56.501	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	241802	38.035	ng	99
29) 2,4-Dichlorophenol	7.934	162	174351	40.380	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	178614	37.128	ng	97
31) Naphthalene	8.087	128	597241	36.962	ng	100
32) Benzoic acid	7.887	122	123931	38.191	ng	97
33) 4-Chloroaniline	8.139	127	130636	21.897	ng	98
34) Hexachlorobutadiene	8.198	225	104793	35.853	ng	98
35) Caprolactam	8.528	113	59930m	42.074	ng	
36) 4-Chloro-3-methylphenol	8.639	107	195296	40.177	ng	94
37) 2-Methylnaphthalene	8.781	142	397579	38.232	ng	100
38) 1-Methylnaphthalene	8.881	142	371394	36.403	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	189689	39.360	ng	99
41) Hexachlorocyclopentadiene	8.928	237	110783	72.580	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	122069	39.495	ng	96

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44) 2,4,5-Trichlorophenol	9.116	196	133617	38.795	ng	95
46) 1,1'-Biphenyl	9.245	154	514905	39.431	ng	99
47) 2-Chloronaphthalene	9.269	162	380548	38.334	ng	99
48) 2-Nitroaniline	9.375	65	123335	39.674	ng	96
49) Acenaphthylene	9.686	152	602133	39.683	ng	99
50) Dimethylphthalate	9.551	163	454678	40.002	ng	100
51) 2,6-Dinitrotoluene	9.622	165	100635	39.011	ng	99
52) Acenaphthene	9.857	154	366127	38.925	ng	99
53) 3-Nitroaniline	9.792	138	84333	30.861	ng	94
54) 2,4-Dinitrophenol	9.910	184	97302	68.616	ng	90
55) Dibenzofuran	10.033	168	548337	38.458	ng	98
56) 4-Nitrophenol	9.980	139	119449	64.752	ng	98
57) 2,4-Dinitrotoluene	10.033	165	128981	38.515	ng	94
58) Fluorene	10.375	166	454254	40.153	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.157	232	111488	42.051	ng	96
60) Diethylphthalate	10.251	149	460728	39.066	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	217260	39.509	ng	94
62) 4-Nitroaniline	10.416	138	102603	38.948	ng	94
63) Azobenzene	10.528	77	426144	38.687	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	71785	40.521	ng	93
66) n-Nitrosodiphenylamine	10.492	169	402839	40.117	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	132582	38.620	ng	99
68) Hexachlorobenzene	10.928	284	148345	38.775	ng	99
69) Atrazine	11.033	200	184894	71.989	ng	98
70) Pentachlorophenol	11.133	266	137823	77.288	ng	98
71) Phenanthrene	11.345	178	656546	41.393	ng	99
72) Anthracene	11.398	178	656116	40.846	ng	99
73) Carbazole	11.557	167	623379	41.162	ng	100
74) Di-n-butylphthalate	11.880	149	765477	41.422	ng	99
75) Fluoranthene	12.539	202	687674	40.533	ng	96
77) Benzidine	12.663	184	131013	24.722	ng	100
78) Pyrene	12.774	202	704188	39.913	ng	100
80) Butylbenzylphthalate	13.392	149	288594	44.954	ng	96
81) Benzo(a)anthracene	13.968	228	516475	41.384	ng	99
82) 3,3'-Dichlorobenzidine	13.933	252	135167	38.137	ng	99
83) Chrysene	14.010	228	476214	39.021	ng	98
84) Bis(2-ethylhexyl)phtha...	13.951	149	398200	49.299	ng	98
85) Di-n-octyl phthalate	14.568	149	560953	44.896	ng	98
87) Indeno(1,2,3-cd)pyrene	16.998	276	435376	44.049	ng	99
88) Benzo(b)fluoranthene	15.027	252	402507	44.022	ng	98
89) Benzo(k)fluoranthene	15.063	252	367304	42.514	ng	98
90) Benzo(a)pyrene	15.404	252	330208	42.785	ng	99
91) Dibenzo(a,h)anthracene	17.009	278	367436	45.313	ng	99
92) Benzo(g,h,i)perylene	17.462	276	363579	43.778	ng	100

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

