

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136947.D
 Acq On : 04 Jan 2024 18:41
 Operator : CG\JU
 Sample : 06017-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB32-2-20231222-7.5-8.5MS

Manual Integrations
 APPROVED

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

Quant Time: Jan 05 00:41:13 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	52056	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	184040	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	100792	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	186675	20.000	ng	0.00
76) Chrysene-d12	13.968	240	115127	20.000	ng	0.00
86) Perylene-d12	15.451	264	127289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	294256	88.198	ng	0.00
7) Phenol-d6	6.440	99	365049	84.442	ng	0.00
23) Nitrobenzene-d5	7.357	82	205567	57.156	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	101645	85.628	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	434967	58.043	ng	-0.01
79) Terphenyl-d14	12.904	244	445560	54.084	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.552	88	50019	35.982	ng	97
3) Pyridine	3.322	79	111185	32.781	ng	95
4) n-Nitrosodimethylamine	3.275	42	68253	37.683	ng	93
6) Aniline	6.463	93	50161	11.605	ng	# 33
8) 2-Chlorophenol	6.581	128	141765	38.829	ng	96
9) Benzaldehyde	6.345	77	46573	18.940	ng	# 1
10) Phenol	6.451	94	167365	36.266	ng	87
11) bis(2-Chloroethyl)ether	6.522	93	138474	39.456	ng	96
12) 1,3-Dichlorobenzene	6.728	146	142400	35.753	ng	97
13) 1,4-Dichlorobenzene	6.804	146	147436	36.228	ng	99
14) 1,2-Dichlorobenzene	6.957	146	134620	35.549	ng	100
15) Benzyl Alcohol	6.939	79	104455	35.815	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	201165	35.059	ng	# 34
17) 2-Methylphenol	7.057	107	105560	34.900	ng	# 85
18) Hexachloroethane	7.292	117	59126m	40.005	ng	
19) n-Nitroso-di-n-propyla...	7.204	70	123796	47.239	ng	96
20) 3+4-Methylphenols	7.210	107	140501	37.182	ng	# 54
22) Acetophenone	7.198	105	168371	36.500	ng	# 85
24) Nitrobenzene	7.375	77	173628	48.192	ng	96
25) Isophorone	7.610	82	259471	39.648	ng	# 97
26) 2-Nitrophenol	7.687	139	73715	42.765	ng	96
27) 2,4-Dimethylphenol	7.728	122	64046	30.519	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	161304	40.549	ng	98
29) 2,4-Dichlorophenol	7.939	162	119148	44.101	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	120174	39.922	ng	98
31) Naphthalene	8.092	128	1118101	110.586	ng	98
32) Benzoic acid	7.863	122	81044	39.913	ng	93
33) 4-Chloroaniline	8.151	127	26048	6.978	ng	# 34
34) Hexachlorobutadiene	8.198	225	70351	38.466	ng	98
35) Caprolactam	8.504	113	43655	48.980	ng	# 89
36) 4-Chloro-3-methylphenol	8.634	107	122664	40.330	ng	94
37) 2-Methylnaphthalene	8.786	142	1198866	184.245	ng	100
38) 1-Methylnaphthalene	8.881	142	698594	109.432	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	129456	41.473	ng	99
41) Hexachlorocyclopentadiene	8.922	237	46602	48.855	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	80009	39.967	ng	98

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44) 2,4,5-Trichlorophenol	9.110	196	86816	38.917	ng	96
46) 1,1'-Biphenyl	9.239	154	353574	41.804	ng	99
47) 2-Chloronaphthalene	9.263	162	246287	38.303	ng	99
48) 2-Nitroaniline	9.369	65	78877	39.174	ng	98
49) Acenaphthylene	9.681	152	412821	42.005	ng	99
50) Dimethylphthalate	9.545	163	281754	38.271	ng	99
51) 2,6-Dinitrotoluene	9.610	165	63969	38.286	ng	92
52) Acenaphthene	9.851	154	284730	46.737	ng	99
53) 3-Nitroaniline	9.781	138	43128	24.367	ng	99
54) 2,4-Dinitrophenol	9.898	184	55648	61.024	ng	94
55) Dibenzofuran	10.028	168	413265	44.750	ng	99
56) 4-Nitrophenol	9.963	139	81647	68.334	ng	94
57) 2,4-Dinitrotoluene	10.022	165	84334	38.880	ng	# 94
58) Fluorene	10.369	166	355654	48.536	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	67977	39.586	ng	# 98
60) Diethylphthalate	10.245	149	294721	38.583	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	138560	38.903	ng	94
62) 4-Nitroaniline	10.398	138	51420m	30.136	ng	
63) Azobenzene	10.522	77	263376	36.916	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	40041	37.427	ng	93
66) n-Nitrosodiphenylamine	10.486	169	252433	41.628	ng	98
67) 4-Bromophenyl-phenylether	10.851	248	83410	40.233	ng	97
68) Hexachlorobenzene	10.916	284	91818	39.742	ng	97
69) Atrazine	11.016	200	80023	51.594	ng	96
70) Pentachlorophenol	11.122	266	73896	68.620	ng	98
71) Phenanthrene	11.339	178	780661	81.502	ng	100
72) Anthracene	11.392	178	494404	50.968	ng	100
73) Carbazole	11.551	167	375554	41.064	ng	99
74) Di-n-butylphthalate	11.874	149	478936	42.916	ng	100
75) Fluoranthene	12.533	202	776299	75.769	ng	97
78) Pyrene	12.763	202	712898	63.079	ng	99
80) Butylbenzylphthalate	13.380	149	175039	42.564	ng	95
81) Benzo(a)anthracene	13.963	228	455199	56.941	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	64040	28.208	ng	98
83) Chrysene	13.998	228	408096	52.202	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	256619	49.597	ng	100
85) Di-n-octyl phthalate	14.563	149	407521	50.918	ng	97
87) Indeno(1,2,3-cd)pyrene	16.968	276	452875	49.277	ng	97
88) Benzo(b)fluoranthene	15.021	252	439297	51.671	ng	99
89) Benzo(k)fluoranthene	15.051	252	349963	43.564	ng	97
90) Benzo(a)pyrene	15.392	252	379947	52.944	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	329585	43.712	ng	97
92) Benzo(g,h,i)perylene	17.433	276	356161	46.121	ng	97

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

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