

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071024\
 Data File : BF138496.D
 Acq On : 10 Jul 2024 12:23
 Operator : CG\JU
 Sample : PB161493BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161493BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/11/2024
 Supervised By :mohammad ahmed 07/11/2024

Quant Time: Jul 10 13:26:05 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	103416	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	434306	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	232253	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	440947	20.000	ng	0.00
76) Chrysene-d12	14.027	240	228856	20.000	ng	0.00
86) Perylene-d12	15.486	264	191780	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	612471	93.796	ng	0.01
7) Phenol-d6	6.504	99	816900	94.042	ng	0.00
23) Nitrobenzene-d5	7.434	82	774480	87.554	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	214311	98.732	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1346512	90.611	ng	0.00
79) Terphenyl-d14	12.974	244	1447293	103.026	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	112891	39.036	ng	100
3) Pyridine	3.475	79	288361	40.433	ng	97
4) n-Nitrosodimethylamine	3.452	42	220152	47.419	ng	96
6) Aniline	6.528	93	340052	41.795	ng	92
8) 2-Chlorophenol	6.657	128	348468	50.469	ng	97
9) Benzaldehyde	6.416	77	45413	9.767	ng	99
10) Phenol	6.522	94	452810	49.110	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	336755	48.510	ng	99
12) 1,3-Dichlorobenzene	6.810	146	352406	45.407	ng	98
13) 1,4-Dichlorobenzene	6.887	146	355556	45.114	ng	98
14) 1,2-Dichlorobenzene	7.034	146	342494	46.659	ng	98
15) Benzyl Alcohol	7.010	79	334678	51.339	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.140	45	671830	49.213	ng	99
17) 2-Methylphenol	7.128	107	280472	49.565	ng	98
18) Hexachloroethane	7.375	117	134983	46.589	ng	96
19) n-Nitroso-di-n-propyla...	7.287	70	263890	49.165	ng	94
20) 3+4-Methylphenols	7.281	107	343610	48.221	ng	# 88
22) Acetophenone	7.275	105	468431	44.409	ng	# 95
24) Nitrobenzene	7.451	77	398761	44.360	ng	98
25) Isophorone	7.692	82	733937	48.314	ng	97
26) 2-Nitrophenol	7.763	139	188325	48.880	ng	93
27) 2,4-Dimethylphenol	7.804	122	309179	65.292	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	427155	47.050	ng	99
29) 2,4-Dichlorophenol	8.010	162	295021	47.977	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	315699	44.071	ng	98
31) Naphthalene	8.169	128	1007339	44.597	ng	99
32) Benzoic acid	7.945	122	214494	47.492	ng	98
33) 4-Chloroaniline	8.216	127	221826	27.990	ng	99
34) Hexachlorobutadiene	8.281	225	187610	42.531	ng	98
35) Caprolactam	8.598	113	98403m	49.592	ng	
36) 4-Chloro-3-methylphenol	8.710	107	330263	47.974	ng	98
37) 2-Methylnaphthalene	8.863	142	649109	44.656	ng	99
38) 1-Methylnaphthalene	8.963	142	615369	43.378	ng	97
40) 1,2,4,5-Tetrachloroben...	9.028	216	297660	45.985	ng	98
41) Hexachlorocyclopentadiene	9.010	237	372732	177.404	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	205934	49.875	ng	97

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44) 2,4,5-Trichlorophenol	9.192	196	221488	48.771	ng	96
46) 1,1'-Biphenyl	9.328	154	819190	46.542	ng	100
47) 2-Chloronaphthalene	9.351	162	624721	46.982	ng	99
48) 2-Nitroaniline	9.451	65	238401	51.739	ng	96
49) Acenaphthylene	9.769	152	940844	49.837	ng	99
50) Dimethylphthalate	9.628	163	768096	51.145	ng	99
51) 2,6-Dinitrotoluene	9.692	165	171331	49.549	ng	90
52) Acenaphthene	9.939	154	609094	48.537	ng	99
53) 3-Nitroaniline	9.863	138	121731	34.348	ng	99
54) 2,4-Dinitrophenol	9.975	184	200962	106.639	ng	# 82
55) Dibenzofuran	10.110	168	884090	48.572	ng	98
56) 4-Nitrophenol	10.039	139	296855	113.520	ng	89
57) 2,4-Dinitrotoluene	10.098	165	229381	51.270	ng	97
58) Fluorene	10.457	166	695693	48.305	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	188383	52.560	ng	98
60) Diethylphthalate	10.328	149	726764	50.198	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	342777	47.397	ng	99
62) 4-Nitroaniline	10.481	138	175900	49.530	ng	99
63) Azobenzene	10.604	77	763656	49.060	ng	100
65) 4,6-Dinitro-2-methylph...	10.504	198	136517	53.619	ng	81
66) n-Nitrosodiphenylamine	10.563	169	615165	46.564	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	209726	46.276	ng	97
68) Hexachlorobenzene	10.998	284	224287	44.547	ng	99
69) Atrazine	11.092	200	216169	49.353	ng	97
70) Pentachlorophenol	11.198	266	264523	88.788	ng	98
71) Phenanthrene	11.416	178	1044763	46.899	ng	99
72) Anthracene	11.469	178	1053270	47.630	ng	99
73) Carbazole	11.622	167	932957	46.947	ng	100
74) Di-n-butylphthalate	11.945	149	1111829	48.537	ng	99
75) Fluoranthene	12.604	202	1058469	46.564	ng	98
77) Benzidine	12.722	184	176996	30.654	ng	100
78) Pyrene	12.833	202	1071817	46.135	ng	99
80) Butylbenzylphthalate	13.445	149	389702	55.762	ng	97
81) Benzo(a)anthracene	14.016	228	738892	48.117	ng	99
82) 3,3'-Dichlorobenzidine	13.974	252	169257	42.775	ng	# 99
83) Chrysene	14.051	228	687187	47.304	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	426948	57.282	ng	99
85) Di-n-octyl phthalate	14.610	149	559427	47.511	ng	100
87) Indeno(1,2,3-cd)pyrene	16.962	276	686738	53.310	ng	100
88) Benzo(b)fluoranthene	15.063	252	549488	50.876	ng	98
89) Benzo(k)fluoranthene	15.092	252	513466	48.746	ng	98
90) Benzo(a)pyrene	15.427	252	470896	49.632	ng	99
91) Dibenzo(a,h)anthracene	16.980	278	570288	54.120	ng	99
92) Benzo(g,h,i)perylene	17.410	276	575470	51.501	ng	96

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

