

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136938.D
 Acq On : 04 Jan 2024 13:35
 Operator : CG\JU
 Sample : PB158204BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158204BS

Manual Integrations
 APPROVED

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

Quant Time: Jan 04 14:06:00 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	6.786	152	82525	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	321859	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	168380	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	337178	20.000	ng	0.00
76) Chrysene-d12	13.974	240	178690	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	151058	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	589416	111.440	ng	0.02
7) Phenol-d6	6.445	99	743198	108.442	ng	0.00
23) Nitrobenzene-d5	7.351	82	456101	72.514	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	232312	117.149	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	928392	74.158	ng	0.00
79) Terphenyl-d14	12.910	244	1052833	82.338	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	74241	33.688	ng	97
3) Pyridine	3.410	79	172395	32.062	ng	96
4) n-Nitrosodimethylamine	3.375	42	103941	36.199	ng	100
6) Aniline	6.457	93	228500	33.348	ng	# 14
8) 2-Chlorophenol	6.581	128	229213	39.601	ng	94
9) Benzaldehyde	6.339	77	95698	24.549	ng	96
10) Phenol	6.457	94	274493	37.519	ng	93
11) bis(2-Chloroethyl)ether	6.528	93	214854	38.617	ng	98
12) 1,3-Dichlorobenzene	6.728	146	233791	37.027	ng	97
13) 1,4-Dichlorobenzene	6.804	146	238223	36.925	ng	97
14) 1,2-Dichlorobenzene	6.951	146	224427	37.384	ng	99
15) Benzyl Alcohol	6.939	79	179819	38.892	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	335470	36.880	ng	# 39
17) 2-Methylphenol	7.051	107	186619	38.920	ng	93
18) Hexachloroethane	7.286	117	85762	36.603	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	156857	37.756	ng	95
20) 3+4-Methylphenols	7.210	107	237250	39.605	ng	# 53
22) Acetophenone	7.198	105	315789	39.144	ng	# 90
24) Nitrobenzene	7.369	77	229528	36.428	ng	99
25) Isophorone	7.610	82	433722	37.896	ng	98
26) 2-Nitrophenol	7.686	139	122258	40.556	ng	97
27) 2,4-Dimethylphenol	7.728	122	205532	56.002	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	268408	38.582	ng	99
29) 2,4-Dichlorophenol	7.933	162	188445	39.883	ng	94
30) 1,2,4-Trichlorobenzene	8.004	180	197757	37.565	ng	97
31) Naphthalene	8.086	128	666719	37.706	ng	100
32) Benzoic acid	7.881	122	144076	40.573	ng	98
33) 4-Chloroaniline	8.139	127	139467	21.363	ng	96
34) Hexachlorobutadiene	8.198	225	115952	36.252	ng	99
35) Caprolactam	8.522	113	66444m	42.627	ng	
36) 4-Chloro-3-methylphenol	8.639	107	208971	39.286	ng	95
37) 2-Methylnaphthalene	8.775	142	436610	38.368	ng	98
38) 1-Methylnaphthalene	8.875	142	406750	36.433	ng	98
40) 1,2,4,5-Tetrachloroben...	8.945	216	205250	39.360	ng	99
41) Hexachlorocyclopentadiene	8.928	237	143694	86.031	ng	96
43) 2,4,6-Trichlorophenol	9.063	196	133236	39.840	ng	96

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44) 2,4,5-Trichlorophenol	9.116	196	146150	39.217	ng	96
46) 1,1'-Biphenyl	9.245	154	563698	39.895	ng	98
47) 2-Chloronaphthalene	9.269	162	408074	37.990	ng	99
48) 2-Nitroaniline	9.375	65	134358	39.943	ng	98
49) Acenaphthylene	9.686	152	648631	39.506	ng	99
50) Dimethylphthalate	9.551	163	492871	40.074	ng	100
51) 2,6-Dinitrotoluene	9.616	165	110541	39.603	ng	89
52) Acenaphthene	9.857	154	396779	38.986	ng	98
53) 3-Nitroaniline	9.786	138	86856	29.375	ng	98
54) 2,4-Dinitrophenol	9.904	184	102214	66.724	ng	92
55) Dibenzofuran	10.027	168	597240	38.712	ng	100
56) 4-Nitrophenol	9.975	139	133320	66.793	ng	98
57) 2,4-Dinitrotoluene	10.027	165	138301	38.167	ng	# 91
58) Fluorene	10.374	166	484441	39.575	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.157	232	120772	42.099	ng	98
60) Diethylphthalate	10.251	149	505124	39.584	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	232261	39.035	ng	100
62) 4-Nitroaniline	10.410	138	109662	38.472	ng	95
63) Azobenzene	10.527	77	460743	38.657	ng	99
65) 4,6-Dinitro-2-methylph...	10.439	198	77182	39.942	ng	92
66) n-Nitrosodiphenylamine	10.492	169	431928	39.434	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	145280	38.797	ng	97
68) Hexachlorobenzene	10.922	284	163841	39.262	ng	97
69) Atrazine	11.027	200	204118	72.861	ng	97
70) Pentachlorophenol	11.127	266	125964	64.760	ng	99
71) Phenanthrene	11.345	178	715407	41.351	ng	100
72) Anthracene	11.392	178	706176	40.304	ng	99
73) Carbazole	11.557	167	658695	39.874	ng	99
74) Di-n-butylphthalate	11.880	149	829271	41.140	ng	100
75) Fluoranthene	12.533	202	720561	38.937	ng	97
77) Benzidine	12.663	184	159842	30.337	ng	100
78) Pyrene	12.768	202	724371	41.295	ng	99
80) Butylbenzylphthalate	13.386	149	291614	45.687	ng	98
81) Benzo(a)anthracene	13.962	228	506486	40.819	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	136132	38.632	ng	99
83) Chrysene	13.998	228	476050	39.233	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	400530	49.874	ng	97
85) Di-n-octyl phthalate	14.562	149	578537	46.572	ng	97
87) Indeno(1,2,3-cd)pyrene	16.980	276	479019	43.920	ng	100
88) Benzo(b)fluoranthene	15.021	252	407618	40.401	ng	99
89) Benzo(k)fluoranthene	15.051	252	397873	41.734	ng	99
90) Benzo(a)pyrene	15.392	252	353523	41.511	ng	100
91) Dibenzo(a,h)anthracene	16.992	278	399071	44.600	ng	99
92) Benzo(g,h,i)perylene	17.433	276	399900	43.636	ng	100

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

