

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
 Data File : BF138613.D
 Acq On : 23 Jul 2024 12:26
 Operator : RC/JU
 Sample : PB162154BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162154BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 07/24/2024
 Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 23 12:58:17 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	6.857	152	91387	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	373439	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	200548	20.000	ng	-0.01
64) Phenanthrene-d10	11.380	188	338830	20.000	ng	0.00
76) Chrysene-d12	14.015	240	166701	20.000	ng	-0.01
86) Perylene-d12	15.474	264	159541	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	722306	125.177	ng	0.00
7) Phenol-d6	6.498	99	971048	126.502	ng	0.00
23) Nitrobenzene-d5	7.422	82	637281	83.786	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	233693	124.681	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1059735	82.587	ng	-0.01
79) Terphenyl-d14	12.963	244	1016485	99.338	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	94222	36.869	ng	96
3) Pyridine	3.481	79	253168	40.170	ng	98
4) n-Nitrosodimethylamine	3.446	42	186149	45.373	ng	92
6) Aniline	6.522	93	239441	33.303	ng	# 66
8) 2-Chlorophenol	6.645	128	291661	47.802	ng	99
9) Benzaldehyde	6.404	77	25237	6.142	ng	95
10) Phenol	6.510	94	375403	46.074	ng	89
11) bis(2-Chloroethyl)ether	6.592	93	289798	47.241	ng	99
12) 1,3-Dichlorobenzene	6.798	146	299234	43.631	ng	99
13) 1,4-Dichlorobenzene	6.875	146	305722	43.897	ng	99
14) 1,2-Dichlorobenzene	7.022	146	292303	45.063	ng	97
15) Benzyl Alcohol	6.998	79	276314	47.965	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.128	45	527848	43.755	ng	83
17) 2-Methylphenol	7.116	107	236589	47.313	ng	# 91
18) Hexachloroethane	7.363	117	115960	45.291	ng	95
19) n-Nitroso-di-n-propyla...	7.269	70	223979	47.222	ng	95
20) 3+4-Methylphenols	7.269	107	293857	46.667	ng	# 90
22) Acetophenone	7.263	105	380669	41.971	ng	98
24) Nitrobenzene	7.439	77	338583	43.805	ng	98
25) Isophorone	7.681	82	603127	46.174	ng	99
26) 2-Nitrophenol	7.751	139	157170	47.443	ng	96
27) 2,4-Dimethylphenol	7.792	122	202438m	49.719	ng	
28) bis(2-Chloroethoxy)met...	7.886	93	356419	45.658	ng	98
29) 2,4-Dichlorophenol	7.998	162	232881	44.044	ng	97
30) 1,2,4-Trichlorobenzene	8.075	180	257010	41.726	ng	97
31) Naphthalene	8.157	128	858918	44.224	ng	100
32) Benzoic acid	7.928	122	135633	34.926	ng	93
33) 4-Chloroaniline	8.210	127	139143	20.419	ng	98
34) Hexachlorobutadiene	8.269	225	150664	39.722	ng	99
35) Caprolactam	8.586	113	71463m	41.885	ng	
36) 4-Chloro-3-methylphenol	8.698	107	266414	45.007	ng	99
37) 2-Methylnaphthalene	8.851	142	545294	43.629	ng	99
38) 1-Methylnaphthalene	8.951	142	506299	41.507	ng	100
40) 1,2,4,5-Tetrachloroben...	9.016	216	223102	39.915	ng	98
41) Hexachlorocyclopentadiene	8.998	237	215313	118.681	ng	100
43) 2,4,6-Trichlorophenol	9.133	196	156092	43.780	ng	97

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44) 2,4,5-Trichlorophenol	9.180	196	161705	41.236	ng	95
46) 1,1'-Biphenyl	9.316	154	628632	41.362	ng	99
47) 2-Chloronaphthalene	9.339	162	497993	43.373	ng	98
48) 2-Nitroaniline	9.439	65	184579	46.391	ng	98
49) Acenaphthylene	9.757	152	784420	48.120	ng	100
50) Dimethylphthalate	9.616	163	588084	45.349	ng	100
51) 2,6-Dinitrotoluene	9.680	165	131193	43.939	ng	89
52) Acenaphthene	9.927	154	491276	45.338	ng	99
53) 3-Nitroaniline	9.851	138	85935	28.081	ng	93
54) 2,4-Dinitrophenol	9.963	184	119869	75.107	ng	94
55) Dibenzofuran	10.098	168	702672	44.708	ng	99
56) 4-Nitrophenol	10.022	139	186107	82.420	ng	99
57) 2,4-Dinitrotoluene	10.086	165	172799	44.729	ng	95
58) Fluorene	10.439	166	551779	44.369	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	134266	43.384	ng	97
60) Diethylphthalate	10.316	149	550216	44.012	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	261853	41.932	ng	94
62) 4-Nitroaniline	10.469	138	129829	42.336	ng	100
63) Azobenzene	10.592	77	614267	45.702	ng	98
65) 4,6-Dinitro-2-methylph...	10.498	198	94015	48.054	ng	86
66) n-Nitrosodiphenylamine	10.551	169	471029	46.400	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	154497	44.363	ng	100
68) Hexachlorobenzene	10.986	284	171649	44.367	ng	98
69) Atrazine	11.080	200	142833	42.438	ng	99
70) Pentachlorophenol	11.186	266	173206	75.659	ng	97
71) Phenanthrene	11.404	178	781496	45.653	ng	100
72) Anthracene	11.457	178	799616	47.057	ng	100
73) Carbazole	11.610	167	686250	44.940	ng	99
74) Di-n-butylphthalate	11.933	149	817711	46.456	ng	100
75) Fluoranthene	12.592	202	760687	43.550	ng	98
77) Benzidine	12.710	184	137653	32.729	ng	99
78) Pyrene	12.821	202	762783	45.075	ng	100
80) Butylbenzylphthalate	13.433	149	268003	52.647	ng	97
81) Benzo(a)anthracene	14.004	228	529873	47.371	ng	100
82) 3,3'-Dichlorobenzidine	13.962	252	91449	31.728	ng	# 97
83) Chrysene	14.039	228	478610	45.230	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	302289	55.678	ng	98
85) Di-n-octyl phthalate	14.598	149	403150	47.005	ng	100
87) Indeno(1,2,3-cd)pyrene	16.945	276	518069	48.344	ng	99
88) Benzo(b)fluoranthene	15.051	252	406544	45.248	ng	100
89) Benzo(k)fluoranthene	15.080	252	402364	45.917	ng	99
90) Benzo(a)pyrene	15.415	252	383232	48.554	ng	100
91) Dibenzo(a,h)anthracene	16.962	278	405665	46.277	ng	100
92) Benzo(g,h,i)perylene	17.392	276	407193	43.805	ng	98

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

