

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082522\
 Data File : BF129996.D
 Acq On : 25 Aug 2022 12:57
 Operator : CG\JU
 Sample : PB147058BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147058BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 08/26/2022
 Supervised By : Jagrut Upadhyay 08/26/2022

Quant Time: Aug 25 14:47:52 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 25 14:45:09 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	141406	20.000	ng	0.00
21) Naphthalene-d8	8.040	136	585545	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	306784	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	515139	20.000	ng	0.00
76) Chrysene-d12	13.927	240	313491	20.000	ng	0.00
86) Perylene-d12	15.374	264	260903	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1092739	127.947	ng	0.01
7) Phenol-d6	6.422	99	1367577	127.869	ng	0.00
23) Nitrobenzene-d5	7.334	82	922720	84.357	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	381918	124.038	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1686706	83.504	ng	0.00
79) Terphenyl-d14	12.863	244	1774908	94.208	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	101905	28.921	ng	96
3) Pyridine	3.328	79	278441m	30.197	ng	
4) n-Nitrosodimethylamine	3.257	42	191513	45.067	ng	92
6) Aniline	6.428	93	474470	38.924	ng	# 80
8) 2-Chlorophenol	6.557	128	416312	43.787	ng	100
9) Benzaldehyde	6.316	77	216140	37.290	ng	99
10) Phenol	6.434	94	505839	43.117	ng	90
11) bis(2-Chloroethyl)ether	6.498	93	368021	41.310	ng	99
12) 1,3-Dichlorobenzene	6.693	146	401110	39.078	ng	97
13) 1,4-Dichlorobenzene	6.775	146	412481	39.330	ng	97
14) 1,2-Dichlorobenzene	6.922	146	394300	40.480	ng	98
15) Benzyl Alcohol	6.916	79	356101	44.104	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.028	45	496526	41.594	ng	88
17) 2-Methylphenol	7.034	107	340257	44.571	ng	99
18) Hexachloroethane	7.257	117	158893	40.345	ng	97
19) n-Nitroso-di-n-propyla...	7.181	70	295968	43.780	ng	98
20) 3+4-Methylphenols	7.187	107	448444	43.761	ng	88
22) Acetophenone	7.175	105	595377	41.725	ng	97
24) Nitrobenzene	7.351	77	447629	40.584	ng	98
25) Isophorone	7.587	82	802341	42.618	ng	98
26) 2-Nitrophenol	7.663	139	224639	41.406	ng	95
27) 2,4-Dimethylphenol	7.710	122	362385	46.576	ng	98
28) bis(2-Chloroethoxy)met...	7.792	93	479817	43.650	ng	99
29) 2,4-Dichlorophenol	7.916	162	347882	40.890	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	342623	38.174	ng	98
31) Naphthalene	8.063	128	1168537	38.168	ng	100
32) Benzoic acid	7.875	122	145681	43.183	ng	91
33) 4-Chloroaniline	8.122	127	439899	36.538	ng	98
34) Hexachlorobutadiene	8.169	225	211215	38.648	ng	99
35) Caprolactam	8.510	113	112065m	42.358	ng	
36) 4-Chloro-3-methylphenol	8.622	107	404759	44.100	ng	97
37) 2-Methylnaphthalene	8.751	142	786091	39.120	ng	100
38) 1-Methylnaphthalene	8.851	142	745948	38.198	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	348432	40.835	ng	99
41) Hexachlorocyclopentadiene	8.898	237	215048	78.673	ng	98
43) 2,4,6-Trichlorophenol	9.045	196	217441	39.222	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.092	196	232864	39.042	ng	96
46) 1,1'-Biphenyl	9.216	154	954223	40.943	ng	100
47) 2-Chloronaphthalene	9.245	162	746766	40.496	ng	99
48) 2-Nitroaniline	9.351	65	255014	43.760	ng	95
49) Acenaphthylene	9.657	152	1126037	40.268	ng	99
50) Dimethylphthalate	9.522	163	866762	39.412	ng	99
51) 2,6-Dinitrotoluene	9.592	165	196137	41.113	ng	# 84
52) Acenaphthene	9.828	154	684004	40.317	ng	99
53) 3-Nitroaniline	9.769	138	177914	33.723	ng	92
54) 2,4-Dinitrophenol	9.886	184	167716	77.911	ng	93
55) Dibenzofuran	10.004	168	1022682	40.124	ng	96
56) 4-Nitrophenol	9.963	139	181811	77.462	ng	91
57) 2,4-Dinitrotoluene	10.004	165	257410	41.565	ng	90
58) Fluorene	10.345	166	849198	39.903	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.133	232	165662	37.847	ng	# 69
60) Diethylphthalate	10.222	149	863054	39.357	ng	98
61) 4-Chlorophenyl-phenylether	10.333	204	378885	39.672	ng	99
62) 4-Nitroaniline	10.392	138	213207m	40.058	ng	
63) Azobenzene	10.492	77	840056	40.078	ng	97
65) 4,6-Dinitro-2-methylph...	10.422	198	120754	39.930	ng	99
66) n-Nitrosodiphenylamine	10.457	169	715032	41.124	ng	100
67) 4-Bromophenyl-phenylether	10.822	248	245033	40.611	ng	98
68) Hexachlorobenzene	10.892	284	272365	41.673	ng	99
69) Atrazine	10.986	200	233538	43.762	ng	96
70) Pentachlorophenol	11.104	266	136270	70.233	ng	98
71) Phenanthrene	11.310	178	1179935	41.012	ng	99
72) Anthracene	11.363	178	1195221	41.775	ng	99
73) Carbazole	11.522	167	1106747	42.614	ng	99
74) Di-n-butylphthalate	11.833	149	1273845	38.110	ng	100
75) Fluoranthene	12.498	202	1192291	40.498	ng	99
77) Benzidine	12.622	184	490284	67.884	ng	100
78) Pyrene	12.727	202	1210102	44.420	ng	100
80) Butylbenzylphthalate	13.333	149	453582	39.348	ng	96
81) Benzo(a)anthracene	13.921	228	889313	41.238	ng	99
82) 3,3'-Dichlorobenzidine	13.880	252	250929	37.570	ng	99
83) Chrysene	13.957	228	816256	40.435	ng	100
84) Bis(2-ethylhexyl)phtha...	13.886	149	481224	35.187	ng	99
85) Di-n-octyl phthalate	14.498	149	664152	35.179	ng	99
87) Indeno(1,2,3-cd)pyrene	16.821	276	821118	45.843	ng	99
88) Benzo(b)fluoranthene	14.957	252	751041	42.039	ng	99
89) Benzo(k)fluoranthene	14.986	252	747655	43.638	ng	98
90) Benzo(a)pyrene	15.316	252	661204	46.997	ng	99
91) Dibenzo(a,h)anthracene	16.821	278	711719	48.158	ng	100
92) Benzo(g,h,i)perylene	17.251	276	729877	49.503	ng	98

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

