

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010324\
 Data File : BF136905.D
 Acq On : 03 Jan 2024 13:39
 Operator : CG\JU
 Sample : PB157996BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB157996BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/04/2024
 Supervised By :mohammad ahmed 01/04/2024

Quant Time: Jan 03 14:09:40 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	6.781	152	87458	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	340828	20.000	ng	# 0.00
39) Acenaphthene-d10	9.816	164	180497	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	349649	20.000	ng	0.00
76) Chrysene-d12	13.969	240	198488	20.000	ng	# 0.00
86) Perylene-d12	15.445	264	158321	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	618769	110.391	ng	0.01
7) Phenol-d6	6.440	99	780468	107.457	ng	0.00
23) Nitrobenzene-d5	7.351	82	479713	72.023	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	242545	114.098	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	970977	72.353	ng	-0.01
79) Terphenyl-d14	12.910	244	1106255	77.887	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.640	88	78540	33.629	ng	97
3) Pyridine	3.405	79	179819	31.556	ng	96
4) n-Nitrosodimethylamine	3.369	42	106867	35.119	ng	98
6) Aniline	6.451	93	248800	34.262	ng	# 16
8) 2-Chlorophenol	6.575	128	238216	38.835	ng	95
9) Benzaldehyde	6.340	77	100581	24.347	ng	97
10) Phenol	6.451	94	291247	37.564	ng	94
11) bis(2-Chloroethyl)ether	6.528	93	227348	38.557	ng	96
12) 1,3-Dichlorobenzene	6.722	146	241003	36.016	ng	98
13) 1,4-Dichlorobenzene	6.798	146	248304	36.316	ng	100
14) 1,2-Dichlorobenzene	6.951	146	233489	36.699	ng	98
15) Benzyl Alcohol	6.934	79	192007	39.186	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	352341	36.549	ng	81
17) 2-Methylphenol	7.045	107	192388	37.860	ng	95
18) Hexachloroethane	7.287	117	85993	34.631	ng	94
19) n-Nitroso-di-n-propyla...	7.204	70	162939	37.008	ng	95
20) 3+4-Methylphenols	7.198	107	244181	38.463	ng	# 87
22) Acetophenone	7.193	105	331956	38.858	ng	# 91
24) Nitrobenzene	7.369	77	239727	35.930	ng	95
25) Isophorone	7.604	82	452405	37.328	ng	100
26) 2-Nitrophenol	7.681	139	125768	39.398	ng	96
27) 2,4-Dimethylphenol	7.722	122	213342	54.895	ng	99
28) bis(2-Chloroethoxy)met...	7.816	93	278087	37.748	ng	98
29) 2,4-Dichlorophenol	7.928	162	196149	39.203	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	206709	37.080	ng	98
31) Naphthalene	8.081	128	685195	36.594	ng	99
32) Benzoic acid	7.881	122	158697	42.203	ng	96
33) 4-Chloroaniline	8.134	127	127137	18.390	ng	97
34) Hexachlorobutadiene	8.192	225	119874	35.393	ng	96
35) Caprolactam	8.522	113	70800m	42.894	ng	
36) 4-Chloro-3-methylphenol	8.634	107	216871	38.502	ng	99
37) 2-Methylnaphthalene	8.775	142	452946	37.588	ng	99
38) 1-Methylnaphthalene	8.875	142	417641	35.326	ng	99
40) 1,2,4,5-Tetrachloroben...	8.939	216	214873	38.440	ng	99
41) Hexachlorocyclopentadiene	8.922	237	162263	90.365	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	142087	39.635	ng	97

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44) 2,4,5-Trichlorophenol	9.110	196	150095	37.572	ng	99
46) 1,1'-Biphenyl	9.239	154	579761	38.277	ng	98
47) 2-Chloronaphthalene	9.263	162	428369	37.202	ng	99
48) 2-Nitroaniline	9.369	65	139323	38.639	ng	98
49) Acenaphthylene	9.681	152	688652	39.128	ng	99
50) Dimethylphthalate	9.551	163	512189	38.849	ng	100
51) 2,6-Dinitrotoluene	9.616	165	113792	38.031	ng	98
52) Acenaphthene	9.851	154	415422	38.078	ng	99
53) 3-Nitroaniline	9.786	138	91953	29.011	ng	90
54) 2,4-Dinitrophenol	9.898	184	112686	68.515	ng	90
55) Dibenzofuran	10.028	168	619184	37.441	ng	98
56) 4-Nitrophenol	9.969	139	154746	72.323	ng	92
57) 2,4-Dinitrotoluene	10.022	165	143586	36.965	ng	93
58) Fluorene	10.369	166	512035	39.021	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	130239	42.352	ng	97
60) Diethylphthalate	10.251	149	518881	37.932	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	241613	37.881	ng	96
62) 4-Nitroaniline	10.410	138	114556	37.491	ng	91
63) Azobenzene	10.522	77	486300	38.062	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	80341	40.094	ng	94
66) n-Nitrosodiphenylamine	10.486	169	452741	39.860	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	149806	38.579	ng	91
68) Hexachlorobenzene	10.922	284	169690	39.213	ng	95
69) Atrazine	11.022	200	207165	71.311	ng	98
70) Pentachlorophenol	11.122	266	134261	66.563	ng	97
71) Phenanthrene	11.339	178	726995	40.522	ng	99
72) Anthracene	11.392	178	741344	40.802	ng	100
73) Carbazole	11.551	167	682604	39.848	ng	99
74) Di-n-butylphthalate	11.875	149	849165	40.624	ng	99
75) Fluoranthene	12.533	202	767853	40.012	ng	99
77) Benzidine	12.657	184	183757	31.398	ng	99
78) Pyrene	12.763	202	764124	39.216	ng	100
80) Butylbenzylphthalate	13.380	149	315204	44.458	ng	96
81) Benzo(a)anthracene	13.957	228	562197	40.790	ng	98
82) 3,3'-Dichlorobenzidine	13.922	252	156897	40.084	ng	98
83) Chrysene	13.992	228	533681	39.596	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	421126	47.209	ng	97
85) Di-n-octyl phthalate	14.563	149	615321	44.593	ng	98
87) Indeno(1,2,3-cd)pyrene	16.957	276	475125	41.565	ng	99
88) Benzo(b)fluoranthene	15.010	252	459353	43.440	ng	98
89) Benzo(k)fluoranthene	15.045	252	419296	41.964	ng	98
90) Benzo(a)pyrene	15.380	252	370568	41.516	ng	99
91) Dibenzo(a,h)anthracene	16.974	278	398768	42.522	ng	98
92) Benzo(g,h,i)perylene	17.415	276	393583	40.977	ng	99

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

