

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071723\
 Data File : BF134320.D
 Acq On : 17 Jul 2023 17:35
 Operator : CG\JU
 Sample : 03615-04MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-210MS

Quant Time: Jul 18 01:13:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 14 22:51:27 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/19/2023
 Supervised By :mohammad ahmed 07/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	74609	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	284284	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	139900	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	278974	20.000	ng	0.00
76) Chrysene-d12	14.033	240	153066	20.000	ng	0.00
86) Perylene-d12	15.533	264	131148	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	391881	87.862	ng	0.01
7) Phenol-d6	6.481	99	477570	87.066	ng	0.00
23) Nitrobenzene-d5	7.404	82	319844	60.648	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	152318	86.837	ng	-0.01
45) 2-Fluorobiphenyl	9.192	172	622203	64.662	ng	-0.01
79) Terphenyl-d14	12.963	244	599504	63.035	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	86365	46.961	ng	99
3) Pyridine	3.452	79	186105	38.850	ng	97
4) n-Nitrosodimethylamine	3.410	42	128286	46.889	ng	95
6) Aniline	6.504	93	247610	37.096	ng	92
8) 2-Chlorophenol	6.628	128	208135	45.970	ng	96
9) Benzaldehyde	6.393	77	130423	44.614	ng	96
10) Phenol	6.493	94	255414	44.287	ng	92
11) bis(2-Chloroethyl)ether	6.575	93	184978	43.565	ng	99
12) 1,3-Dichlorobenzene	6.781	146	226942	47.015	ng	98
13) 1,4-Dichlorobenzene	6.857	146	230457	47.268	ng	99
14) 1,2-Dichlorobenzene	7.004	146	216807	47.482	ng	98
15) Benzyl Alcohol	6.987	79	193391	45.734	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	295752	39.372	ng	94
17) 2-Methylphenol	7.098	107	168196	41.484	ng	94
18) Hexachloroethane	7.345	117	79672	44.072	ng	93
19) n-Nitroso-di-n-propyla...	7.251	70	146952	42.246	ng	98
20) 3+4-Methylphenols	7.251	107	212990	43.302	ng	96
22) Acetophenone	7.245	105	298530	46.174	ng	96
24) Nitrobenzene	7.422	77	227787	42.743	ng	95
25) Isophorone	7.657	82	397101	41.431	ng	98
26) 2-Nitrophenol	7.734	139	103589	40.519	ng	91
27) 2,4-Dimethylphenol	7.775	122	178978	44.227	ng	96
28) bis(2-Chloroethoxy)met...	7.869	93	229823	41.411	ng	100
29) 2,4-Dichlorophenol	7.981	162	173573	43.254	ng	97
30) 1,2,4-Trichlorobenzene	8.057	180	184013	44.441	ng	97
31) Naphthalene	8.140	128	584483	42.564	ng	99
32) Benzoic acid	7.898	122	116807	38.520	ng	92
33) 4-Chloroaniline	8.192	127	155059	26.398	ng	97
34) Hexachlorobutadiene	8.251	225	119308	45.678	ng	99
35) Caprolactam	8.569	113	54371m	41.150	ng	
36) 4-Chloro-3-methylphenol	8.681	107	192454	42.691	ng	98
37) 2-Methylnaphthalene	8.834	142	379491	39.080	ng	96
38) 1-Methylnaphthalene	8.928	142	360677	39.954	ng	97
40) 1,2,4,5-Tetrachloroben...	8.998	216	186553	45.009	ng	98
41) Hexachlorocyclopentadiene	8.981	237	55983	28.470	ng	97
43) 2,4,6-Trichlorophenol	9.116	196	120412	42.676	ng	97

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44) 2,4,5-Trichlorophenol	9.157	196	130688	39.377	ng	98
46) 1,1'-Biphenyl	9.298	154	488300	43.512	ng	97
47) 2-Chloronaphthalene	9.322	162	354999	43.235	ng	98
48) 2-Nitroaniline	9.422	65	127805	42.709	ng	98
49) Acenaphthylene	9.739	152	578110	41.216	ng	99
50) Dimethylphthalate	9.598	163	433648	42.701	ng	99
51) 2,6-Dinitrotoluene	9.669	165	89544	40.938	ng	96
52) Acenaphthene	9.910	154	341863	42.004	ng	97
53) 3-Nitroaniline	9.839	138	101077	38.520	ng	99
54) 2,4-Dinitrophenol	9.951	184	21433	20.012	ng	# 85
55) Dibenzofuran	10.081	168	524016	41.197	ng	96
56) 4-Nitrophenol	10.010	139	132369	72.117	ng	97
57) 2,4-Dinitrotoluene	10.075	165	114775	39.734	ng	89
58) Fluorene	10.428	166	419371	42.379	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	103906	39.690	ng	97
60) Diethylphthalate	10.298	149	454956	43.000	ng	98
61) 4-Chlorophenyl-phenyle...	10.416	204	198809	41.688	ng	95
62) 4-Nitroaniline	10.457	138	95832	36.238	ng	98
63) Azobenzene	10.581	77	399712	39.939	ng	97
65) 4,6-Dinitro-2-methylph...	10.486	198	18228	11.985	ng	90
66) n-Nitrosodiphenylamine	10.539	169	356228	39.966	ng	97
67) 4-Bromophenyl-phenylether	10.910	248	136523	46.042	ng	96
68) Hexachlorobenzene	10.981	284	148364	47.125	ng	# 92
69) Atrazine	11.069	200	126985	51.505	ng	95
70) Pentachlorophenol	11.181	266	131033	69.609	ng	97
71) Phenanthrene	11.398	178	627767	44.700	ng	99
72) Anthracene	11.451	178	628212	43.006	ng	99
73) Carbazole	11.610	167	569579	42.601	ng	100
74) Di-n-butylphthalate	11.933	149	706473	44.433	ng	100
75) Fluoranthene	12.592	202	618612	40.744	ng	99
77) Benzidine	12.722	184	255296	70.096	ng	99
78) Pyrene	12.822	202	630560	44.266	ng	100
80) Butylbenzylphthalate	13.445	149	228141	42.703	ng	95
81) Benzo(a)anthracene	14.022	228	486735	45.852	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	154825	46.035	ng	98
83) Chrysene	14.057	228	449806	43.748	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	314648	51.255	ng	99
85) Di-n-octyl phthalate	14.627	149	521207	57.782	ng	97
87) Indeno(1,2,3-cd)pyrene	17.080	276	366019	40.220	ng	98
88) Benzo(b)fluoranthene	15.092	252	407441	52.835	ng	100
89) Benzo(k)fluoranthene	15.121	252	387471	49.349	ng	98
90) Benzo(a)pyrene	15.468	252	321828	43.158	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	298471	40.154	ng	98
92) Benzo(g,h,i)perylene	17.551	276	269055	35.100	ng	95

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

