

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092723\
 Data File : BF135483.D
 Acq On : 27 Sep 2023 20:37
 Operator : CG\JU
 Sample : 04601-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Quant Time: Sep 28 01:53:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/28/2023
 Supervised By :Jagrut Upadhyay 09/28/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	162478	20.000	ng	0.00
21) Naphthalene-d8	8.034	136	609639	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	283619	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	476244	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	244552	20.000	ng	0.00
86) Perylene-d12	15.410	264	331760	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	1090770	109.189	ng	0.02
7) Phenol-d6	6.410	99	1362426	107.256	ng	0.00
23) Nitrobenzene-d5	7.322	82	857851	76.449	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	251976	89.401	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1337284	71.137	ng	0.00
79) Terphenyl-d14	12.880	244	1012399	64.175	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	222283	50.758	ng	92
3) Pyridine	3.293	79	557251	47.279	ng	94
4) n-Nitrosodimethylamine	3.263	42	320076	51.175	ng	94
6) Aniline	6.422	93	520171	31.228	ng	# 25
8) 2-Chlorophenol	6.545	128	522569	49.003	ng	97
9) Benzaldehyde	6.310	77	126788	17.521	ng	95
10) Phenol	6.422	94	615411	44.182	ng	84
11) bis(2-Chloroethyl)ether	6.498	93	524007	50.153	ng	99
12) 1,3-Dichlorobenzene	6.693	146	518717	47.862	ng	99
13) 1,4-Dichlorobenzene	6.775	146	524363	47.555	ng	98
14) 1,2-Dichlorobenzene	6.922	146	493485	48.193	ng	98
15) Benzyl Alcohol	6.904	79	413679	45.383	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.034	45	949174	48.196	ng	87
17) 2-Methylphenol	7.022	107	416108	44.217	ng	96
18) Hexachloroethane	7.257	117	200214	49.142	ng	90
19) n-Nitroso-di-n-propyla...	7.175	70	334147	42.469	ng	97
20) 3+4-Methylphenols	7.175	107	471986	41.710	ng	# 86
22) Acetophenone	7.169	105	652425	46.809	ng	# 95
24) Nitrobenzene	7.340	77	550841	49.666	ng	99
25) Isophorone	7.581	82	1010944	49.063	ng	98
26) 2-Nitrophenol	7.657	139	274649	51.596	ng	97
27) 2,4-Dimethylphenol	7.698	122	404249	45.180	ng	98
28) bis(2-Chloroethoxy)met...	7.792	93	631396	51.197	ng	100
29) 2,4-Dichlorophenol	7.904	162	394892	47.630	ng	97
30) 1,2,4-Trichlorobenzene	7.975	180	422312	48.733	ng	99
31) Naphthalene	8.057	128	1410382	47.615	ng	99
32) Benzoic acid	7.845	122	286575	42.534	ng	99
33) 4-Chloroaniline	8.110	127	325561	25.051	ng	98
34) Hexachlorobutadiene	8.169	225	238359	45.616	ng	99
35) Caprolactam	8.492	113	132621m	47.662	ng	
36) 4-Chloro-3-methylphenol	8.610	107	435499	47.262	ng	94
37) 2-Methylnaphthalene	8.751	142	868311	43.610	ng	98
38) 1-Methylnaphthalene	8.851	142	832217	44.644	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	405448	49.344	ng	99
41) Hexachlorocyclopentadiene	8.898	237	206273	59.099	ng	98
43) 2,4,6-Trichlorophenol	9.034	196	258712	48.089	ng	100

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44) 2,4,5-Trichlorophenol	9.081	196	271053	43.750	ng	96
46) 1,1'-Biphenyl	9.216	154	1056703	48.482	ng	98
47) 2-Chloronaphthalene	9.239	162	800559	50.623	ng	99
48) 2-Nitroaniline	9.345	65	307211	50.004	ng	97
49) Acenaphthylene	9.657	152	1281514	48.761	ng	100
50) Dimethylphthalate	9.522	163	917378	47.841	ng	100
51) 2,6-Dinitrotoluene	9.592	165	200722	47.783	ng	87
52) Acenaphthene	9.828	154	744829	47.974	ng	97
53) 3-Nitroaniline	9.757	138	165845	33.634	ng	97
54) 2,4-Dinitrophenol	9.881	184	155242	66.262	ng	90
55) Dibenzofuran	10.004	168	1040210	43.905	ng	99
56) 4-Nitrophenol	9.939	139	234315	74.769	ng	97
57) 2,4-Dinitrotoluene	9.998	165	222036	42.221	ng #	78
58) Fluorene	10.345	166	814508	44.720	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	207136	43.463	ng	98
60) Diethylphthalate	10.222	149	895406	46.528	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	379081	43.327	ng	93
62) 4-Nitroaniline	10.381	138	199566	42.104	ng	96
63) Azobenzene	10.498	77	913193	48.486	ng	97
65) 4,6-Dinitro-2-methylph...	10.410	198	111530	44.092	ng	94
66) n-Nitrosodiphenylamine	10.463	169	752809	52.213	ng	100
67) 4-Bromophenyl-phenylether	10.828	248	238589	50.371	ng	97
68) Hexachlorobenzene	10.892	284	244831	50.737	ng #	87
69) Atrazine	10.992	200	221481	57.090	ng	98
70) Pentachlorophenol	11.098	266	181998	63.038	ng	96
71) Phenanthrene	11.310	178	1116028	49.548	ng	99
72) Anthracene	11.363	178	1139275	49.207	ng	100
73) Carbazole	11.528	167	1013142	48.070	ng	98
74) Di-n-butylphthalate	11.851	149	1283291	51.672	ng	99
75) Fluoranthene	12.504	202	1056323	45.007	ng	99
77) Benzidine	12.633	184	422035	84.237	ng	98
78) Pyrene	12.733	202	1052174	45.190	ng	99
80) Butylbenzylphthalate	13.357	149	413974	50.499	ng	93
81) Benzo(a)anthracene	13.933	228	811303	51.376	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	239204	48.496	ng #	98
83) Chrysene	13.969	228	797930	50.823	ng	99
84) Bis(2-ethylhexyl)phtha...	13.921	149	524687	62.372	ng #	99
85) Di-n-octyl phthalate	14.539	149	972795	72.767	ng	99
87) Indeno(1,2,3-cd)pyrene	16.904	276	908630	41.772	ng	96
88) Benzo(b)fluoranthene	14.986	252	974428	54.257	ng #	97
89) Benzo(k)fluoranthene	15.016	252	758875	42.776	ng #	98
90) Benzo(a)pyrene	15.351	252	823458	48.080	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	742073	41.694	ng	100
92) Benzo(g,h,i)perylene	17.351	276	702784	37.809	ng	96

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

