

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135320.D
 Acq On : 18 Sep 2023 22:22
 Operator : CG\JU
 Sample : 04441-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11976MS

Quant Time: Sep 19 00:17:29 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 12 00:19:07 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	121128	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	451481	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	209033	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	317649	20.000	ng	0.00
76) Chrysene-d12	13.945	240	192907	20.000	ng	0.00
86) Perylene-d12	15.409	264	256461	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	1160612	155.841	ng	0.02
7) Phenol-d6	6.416	99	1461613	154.345	ng	0.01
23) Nitrobenzene-d5	7.328	82	958741	115.371	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	281323	135.428	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1532362	110.600	ng	0.00
79) Terphenyl-d14	12.880	244	992435	79.752	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.546	88	131824	40.378	ng	97
3) Pyridine	3.298	79	396599	45.136	ng	98
4) n-Nitrosodimethylamine	3.263	42	312715	67.066	ng	89
6) Aniline	6.428	93	519810	41.859	ng	# 1
8) 2-Chlorophenol	6.551	128	525185	66.060	ng	97
9) Benzaldehyde	6.316	77	142862	26.482	ng	99
10) Phenol	6.428	94	577806	55.644	ng	77
11) bis(2-Chloroethyl)ether	6.504	93	493100	63.306	ng	98
12) 1,3-Dichlorobenzene	6.698	146	492983	61.015	ng	98
13) 1,4-Dichlorobenzene	6.775	146	503221	61.217	ng	98
14) 1,2-Dichlorobenzene	6.928	146	469535	61.507	ng	98
15) Benzyl Alcohol	6.910	79	446604	65.721	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.039	45	931586	63.451	ng	96
17) 2-Methylphenol	7.028	107	403961	57.580	ng	# 93
18) Hexachloroethane	7.263	117	192085	63.242	ng	91
19) n-Nitroso-di-n-propyla...	7.186	70	337510	57.541	ng	94
20) 3+4-Methylphenols	7.181	107	442700	52.477	ng	91
22) Acetophenone	7.175	105	654057	63.365	ng	# 96
24) Nitrobenzene	7.351	77	541837	65.968	ng	97
25) Isophorone	7.586	82	1020313	66.864	ng	98
26) 2-Nitrophenol	7.663	139	274143	69.542	ng	96
27) 2,4-Dimethylphenol	7.704	122	397840	60.040	ng	99
28) bis(2-Chloroethoxy)met...	7.798	93	612324	67.043	ng	99
29) 2,4-Dichlorophenol	7.904	162	408141	66.473	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	424574	66.157	ng	98
31) Naphthalene	8.063	128	1385521	63.162	ng	99
32) Benzoic acid	7.863	122	340215	68.185	ng	98
33) 4-Chloroaniline	8.116	127	418048	43.437	ng	98
34) Hexachlorobutadiene	8.175	225	249408	64.451	ng	99
35) Caprolactam	8.504	113	138622m	67.271	ng	
36) 4-Chloro-3-methylphenol	8.610	107	438938	64.322	ng	99
37) 2-Methylnaphthalene	8.751	142	867611	58.840	ng	99
38) 1-Methylnaphthalene	8.851	142	834794	60.470	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	412956	68.191	ng	99
41) Hexachlorocyclopentadiene	8.904	237	243608	90.252	ng	97
43) 2,4,6-Trichlorophenol	9.039	196	276815	69.814	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091823\
 Data File : BF135320.D
 Acq On : 18 Sep 2023 22:22
 Operator : CG\JU
 Sample : 04441-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11976MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2023
 Supervised By :mohammad ahmed 09/19/2023

Quant Time: Sep 19 00:17:29 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 12 00:19:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	288105	63.096	ng	99
46) 1,1'-Biphenyl	9.222	154	1067858	66.476	ng	98
47) 2-Chloronaphthalene	9.245	162	797897	68.458	ng	96
48) 2-Nitroaniline	9.351	65	308489	68.129	ng	98
49) Acenaphthylene	9.663	152	1271338	65.634	ng	100
50) Dimethylphthalate	9.527	163	960023	67.929	ng	100
51) 2,6-Dinitrotoluene	9.592	165	208923	67.481	ng	99
52) Acenaphthene	9.833	154	741674	64.815	ng	97
53) 3-Nitroaniline	9.763	138	176364	48.529	ng	97
54) 2,4-Dinitrophenol	9.875	184	160141	90.246	ng	# 90
55) Dibenzofuran	10.004	168	1059843	60.696	ng	96
56) 4-Nitrophenol	9.939	139	255238	110.506	ng	95
57) 2,4-Dinitrotoluene	10.004	165	218931	56.485	ng	# 82
58) Fluorene	10.351	166	800511	59.633	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	214104	60.955	ng	98
60) Diethylphthalate	10.227	149	909446	64.120	ng	98
61) 4-Chlorophenyl-phenyle...	10.339	204	379186	58.803	ng	98
62) 4-Nitroaniline	10.380	138	192491	55.102	ng	99
63) Azobenzene	10.504	77	875206	63.049	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	109057	64.640	ng	85
66) n-Nitrosodiphenylamine	10.463	169	740761	77.028	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	236750	74.939	ng	96
68) Hexachlorobenzene	10.898	284	237912	73.919	ng	92
69) Atrazine	10.998	200	205811	79.538	ng	98
70) Pentachlorophenol	11.098	266	212045	110.116	ng	98
71) Phenanthrene	11.316	178	1044958	69.555	ng	99
72) Anthracene	11.369	178	1021389	66.142	ng	99
73) Carbazole	11.527	167	888510	63.205	ng	99
74) Di-n-butylphthalate	11.857	149	1134538	68.491	ng	99
75) Fluoranthene	12.510	202	949654	60.664	ng	97
77) Benzidine	12.633	184	466135	117.948	ng	100
78) Pyrene	12.739	202	954084	51.948	ng	99
80) Butylbenzylphthalate	13.363	149	371215	57.406	ng	97
81) Benzo(a)anthracene	13.933	228	859631	69.011	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	317033	81.482	ng	# 97
83) Chrysene	13.974	228	850363	68.663	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	446293	67.256	ng	99
85) Di-n-octyl phthalate	14.545	149	975302	92.486	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.892	276	795307	47.297	ng	99
88) Benzo(b)fluoranthene	14.986	252	1062378	76.523	ng	97
89) Benzo(k)fluoranthene	15.021	252	812741	59.263	ng	99
90) Benzo(a)pyrene	15.351	252	865574	65.378	ng	99
91) Dibenzo(a,h)anthracene	16.903	278	653019	47.463	ng	100
92) Benzo(g,h,i)perylene	17.339	276	591228	41.146	ng	99

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

