

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091423\
 Data File : BF135274.D
 Acq On : 15 Sep 2023 01:55
 Operator : CG\JU
 Sample : 04249-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-02-083023MSD

Quant Time: Sep 15 02:26:39 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
 09/15/2023

Supervised By :mohammad
 ahmed
 09/15/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	99005	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	335815	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	130551	20.000	ng	0.00
64) Phenanthrene-d10	11.298	188	240358	20.000	ng	0.00
76) Chrysene-d12	13.963	240	137129	20.000	ng	0.02
86) Perylene-d12	15.433	264	121655	20.000	ng	# 0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	635558	104.409	ng	0.02
7) Phenol-d6	6.416	99	772923	99.858	ng	0.01
23) Nitrobenzene-d5	7.334	82	476909	77.156	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	139800	107.757	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	705865	81.574	ng	0.00
79) Terphenyl-d14	12.892	244	673390	76.124	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.546	88	124106	46.508	ng	98
3) Pyridine	3.299	79	299666	41.725	ng	94
4) n-Nitrosodimethylamine	3.263	42	204297	53.605	ng	97
6) Aniline	6.440	93	256520	25.273	ng	# 84
8) 2-Chlorophenol	6.557	128	334083	51.412	ng	96
9) Benzaldehyde	6.316	77	129314	29.327	ng	95
10) Phenol	6.428	94	392808	46.281	ng	99
11) bis(2-Chloroethyl)ether	6.504	93	334760	52.581	ng	98
12) 1,3-Dichlorobenzene	6.704	146	335158	50.751	ng	99
13) 1,4-Dichlorobenzene	6.781	146	340517	50.681	ng	98
14) 1,2-Dichlorobenzene	6.934	146	319974	51.282	ng	98
15) Benzyl Alcohol	6.916	79	283111	50.972	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.045	45	583430	48.618	ng	94
17) 2-Methylphenol	7.028	107	252671	44.063	ng	97
18) Hexachloroethane	7.269	117	107754	43.404	ng	90
19) n-Nitroso-di-n-propyla...	7.187	70	217522	45.371	ng	97
20) 3+4-Methylphenols	7.181	107	291250	42.239	ng	93
22) Acetophenone	7.175	105	424583	55.302	ng	# 95
24) Nitrobenzene	7.351	77	333104	54.523	ng	100
25) Isophorone	7.587	82	593245	52.268	ng	98
26) 2-Nitrophenol	7.663	139	134273	45.793	ng	97
27) 2,4-Dimethylphenol	7.710	122	253969	51.529	ng	100
28) bis(2-Chloroethoxy)met...	7.798	93	374373	55.108	ng	99
29) 2,4-Dichlorophenol	7.910	162	230497	50.471	ng	99
30) 1,2,4-Trichlorobenzene	7.987	180	255069	53.434	ng	99
31) Naphthalene	8.069	128	902629	55.321	ng	100
32) Benzoic acid	7.840	122	155436	41.882	ng	93
33) 4-Chloroaniline	8.128	127	205194	28.664	ng	98
34) Hexachlorobutadiene	8.181	225	155092	53.883	ng	100
35) Caprolactam	8.492	113	67953m	44.334	ng	
36) 4-Chloro-3-methylphenol	8.610	107	217253	42.802	ng	98
37) 2-Methylnaphthalene	8.757	142	513653	46.833	ng	99
38) 1-Methylnaphthalene	8.857	142	473388	46.101	ng	98
40) 1,2,4,5-Tetrachloroben...	8.922	216	215158	56.887	ng	99
41) Hexachlorocyclopentadiene	8.904	237	3736	9.419	ng	88
43) 2,4,6-Trichlorophenol	9.039	196	137437	55.500	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.087	196	137679	48.278	ng	96
46) 1,1'-Biphenyl	9.228	154	583157	58.126	ng	100
47) 2-Chloronaphthalene	9.251	162	405367	55.688	ng	99
48) 2-Nitroaniline	9.351	65	159035	56.236	ng	95
49) Acenaphthylene	9.663	152	688734	56.931	ng	99
50) Dimethylphthalate	9.528	163	498954	56.529	ng	100
51) 2,6-Dinitrotoluene	9.598	165	96724	50.022	ng	# 83
52) Acenaphthene	9.839	154	422068	59.059	ng	98
53) 3-Nitroaniline	9.763	138	110906	48.863	ng	99
54) 2,4-Dinitrophenol	9.881	184	7947	12.922	ng	# 82
55) Dibenzofuran	10.010	168	603896	55.375	ng	98
56) 4-Nitrophenol	9.939	139	148343	102.835	ng	98
57) 2,4-Dinitrotoluene	10.004	165	110225	45.534	ng	89
58) Fluorene	10.357	166	517399	61.714	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.134	232	107862	49.169	ng	99
60) Diethylphthalate	10.234	149	480769	54.274	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	206821	51.355	ng	100
62) 4-Nitroaniline	10.381	138	113549	52.044	ng	96
63) Azobenzene	10.510	77	425764	49.110	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	8149	6.383	ng	93
66) n-Nitrosodiphenylamine	10.469	169	386053	53.053	ng	98
67) 4-Bromophenyl-phenylether	10.839	248	125164	52.358	ng	98
68) Hexachlorobenzene	10.904	284	129745	53.274	ng	93
69) Atrazine	11.004	200	113344	57.889	ng	99
70) Pentachlorophenol	11.104	266	124565	85.488	ng	98
71) Phenanthrene	11.328	178	1218134	107.156	ng	99
72) Anthracene	11.375	178	797272	68.231	ng	100
73) Carbazole	11.533	167	637039	59.888	ng	100
74) Di-n-butylphthalate	11.869	149	744028	59.360	ng	99
75) Fluoranthene	12.527	202	1717008	144.953	ng	99
77) Benzidine	12.645	184	102924	36.636	ng	98
78) Pyrene	12.757	202	1649119	126.314	ng	98
80) Butylbenzylphthalate	13.374	149	302291	65.763	ng	94
81) Benzo(a)anthracene	13.957	228	977800	110.426	ng	97
82) 3,3'-Dichlorobenzidine	13.916	252	153632	55.547	ng	# 98
83) Chrysene	13.992	228	892226	101.347	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	367280	77.863	ng	99
85) Di-n-octyl phthalate	14.563	149	576550	76.912	ng	# 91
87) Indeno(1,2,3-cd)pyrene	16.939	276	554272	69.488	ng	96
88) Benzo(b)fluoranthene	15.016	252	850395m	129.129	ng	
89) Benzo(k)fluoranthene	15.039	252	480748	73.900	ng	95
90) Benzo(a)pyrene	15.380	252	629480	100.231	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	339870	52.075	ng	97
92) Benzo(g,h,i)perylene	17.398	276	469467	68.876	ng	96

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

