

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091523\
 Data File : BF135288.D
 Acq On : 15 Sep 2023 19:54
 Operator : CG\JU
 Sample : 04399-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11930MS

Quant Time: Sep 16 01:54:59 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 09/18/2023
 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	104846	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	394091	20.000	ng	0.00
39) Acenaphthene-d10	9.798	164	192326	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	326429	20.000	ng	0.00
76) Chrysene-d12	13.945	240	182109	20.000	ng	0.00
86) Perylene-d12	15.410	264	226736	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	593392	92.051	ng	0.01
7) Phenol-d6	6.404	99	739470	90.214	ng	0.00
23) Nitrobenzene-d5	7.328	82	459069	63.287	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	168134	87.970	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	827656	64.926	ng	-0.01
79) Terphenyl-d14	12.880	244	658796	56.080	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.557	88	116144	41.099	ng	99
3) Pyridine	3.304	79	285708	37.565	ng	96
4) n-Nitrosodimethylamine	3.269	42	188633	46.738	ng	95
6) Aniline	6.428	93	351509	32.702	ng	95
8) 2-Chlorophenol	6.545	128	321926	46.781	ng	98
9) Benzaldehyde	6.316	77	112396	24.070	ng	98
10) Phenol	6.422	94	390739	43.472	ng	77
11) bis(2-Chloroethyl)ether	6.504	93	304325	45.138	ng	98
12) 1,3-Dichlorobenzene	6.698	146	324788	46.441	ng	96
13) 1,4-Dichlorobenzene	6.775	146	330935	46.511	ng	100
14) 1,2-Dichlorobenzene	6.928	146	313561	47.454	ng	97
15) Benzyl Alcohol	6.910	79	275457	46.831	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.040	45	544312	42.831	ng	98
17) 2-Methylphenol	7.022	107	249862	41.146	ng	97
18) Hexachloroethane	7.263	117	124365	47.304	ng	92
19) n-Nitroso-di-n-propyla...	7.175	70	215808	42.506	ng	97
20) 3+4-Methylphenols	7.175	107	303516	41.565	ng	96
22) Acetophenone	7.169	105	422908	46.938	ng	99
24) Nitrobenzene	7.345	77	329807	46.001	ng	98
25) Isophorone	7.587	82	599928	45.040	ng	100
26) 2-Nitrophenol	7.657	139	164772	47.885	ng	96
27) 2,4-Dimethylphenol	7.698	122	242886	41.993	ng	98
28) bis(2-Chloroethoxy)met...	7.792	93	363735	45.625	ng	100
29) 2,4-Dichlorophenol	7.898	162	252627	47.137	ng	97
30) 1,2,4-Trichlorobenzene	7.981	180	269552	48.118	ng	99
31) Naphthalene	8.063	128	892140	46.593	ng	99
32) Benzoic acid	7.834	122	153826	35.319	ng	96
33) 4-Chloroaniline	8.116	127	284525	33.868	ng	98
34) Hexachlorobutadiene	8.175	225	163845	48.506	ng	98
35) Caprolactam	8.492	113	80358m	44.675	ng	
36) 4-Chloro-3-methylphenol	8.604	107	271839	45.636	ng	99
37) 2-Methylnaphthalene	8.751	142	555815	43.183	ng	99
38) 1-Methylnaphthalene	8.851	142	535774	44.461	ng	99
40) 1,2,4,5-Tetrachloroben...	8.922	216	270978	48.633	ng	99
41) Hexachlorocyclopentadiene	8.904	237	159859	66.487	ng	99
43) 2,4,6-Trichlorophenol	9.034	196	174300	47.778	ng	98

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44) 2,4,5-Trichlorophenol	9.081	196	185071	44.052	ng	98
46) 1,1'-Biphenyl	9.222	154	700382	47.387	ng	100
47) 2-Chloronaphthalene	9.245	162	521390	48.620	ng	99
48) 2-Nitroaniline	9.345	65	195371	46.895	ng	94
49) Acenaphthylene	9.657	152	857228	48.099	ng	99
50) Dimethylphthalate	9.528	163	596442	45.869	ng	100
51) 2,6-Dinitrotoluene	9.592	165	132022	46.347	ng	90
52) Acenaphthene	9.833	154	488622	46.410	ng	98
53) 3-Nitroaniline	9.763	138	123990	37.081	ng	93
54) 2,4-Dinitrophenol	9.875	184	72983	47.855	ng	94
55) Dibenzofuran	10.004	168	721086	44.883	ng	98
56) 4-Nitrophenol	9.933	139	170356	80.163	ng	98
57) 2,4-Dinitrotoluene	9.998	165	156979	44.019	ng	86
58) Fluorene	10.351	166	558492	45.219	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.128	232	139647	43.211	ng	99
60) Diethylphthalate	10.228	149	593024	45.443	ng	99
61) 4-Chlorophenyl-phenyle...	10.339	204	264553	44.590	ng	99
62) 4-Nitroaniline	10.380	138	129052	40.151	ng	97
63) Azobenzene	10.504	77	560830	43.911	ng	100
65) 4,6-Dinitro-2-methylph...	10.410	198	60621	34.965	ng	91
66) n-Nitrosodiphenylamine	10.463	169	503782	50.977	ng	99
67) 4-Bromophenyl-phenylether	10.833	248	158167	48.718	ng	97
68) Hexachlorobenzene	10.898	284	175383	53.026	ng	98
69) Atrazine	10.998	200	144614	54.384	ng	99
70) Pentachlorophenol	11.098	266	154181	77.913	ng	99
71) Phenanthrene	11.316	178	777678	50.372	ng	100
72) Anthracene	11.369	178	736314	46.399	ng	99
73) Carbazole	11.527	167	655421	45.370	ng	98
74) Di-n-butylphthalate	11.857	149	803343	47.193	ng	99
75) Fluoranthene	12.510	202	787401	48.947	ng	98
77) Benzidine	12.633	184	257640	69.057	ng	98
78) Pyrene	12.739	202	772217	44.539	ng	99
80) Butylbenzylphthalate	13.363	149	271150	44.418	ng	98
81) Benzo(a)anthracene	13.939	228	590856	50.246	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	176730	48.115	ng	# 98
83) Chrysene	13.974	228	584783	50.018	ng	99
84) Bis(2-ethylhexyl)phtha...	13.927	149	426333	68.058	ng	98
85) Di-n-octyl phthalate	14.551	149	707289	71.048	ng	# 93
87) Indeno(1,2,3-cd)pyrene	16.892	276	598290	40.245	ng	98
88) Benzo(b)fluoranthene	14.986	252	687281	55.995	ng	99
89) Benzo(k)fluoranthene	15.015	252	539362	44.485	ng	99
90) Benzo(a)pyrene	15.351	252	566436	48.393	ng	99
91) Dibenzo(a,h)anthracene	16.909	278	469783	38.621	ng	96
92) Benzo(g,h,i)perylene	17.339	276	456975	35.972	ng	98

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

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