

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091223\
 Data File : BF135193.D
 Acq On : 12 Sep 2023 21:32
 Operator : CG\JU
 Sample : 04188-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/13/2023
 Supervised By :mohammad ahmed 09/13/2023

Quant Time: Sep 13 02:46:14 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)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.763	152	128170	20.000	ng	0.00
21) Naphthalene-d8	8.045	136	482945	20.000	ng	0.00
39) Acenaphthene-d10	9.804	164	249434	20.000	ng	0.00
64) Phenanthrene-d10	11.292	188	482835	20.000	ng	0.00
76) Chrysene-d12	13.951	240	238837	20.000	ng	# 0.00
86) Perylene-d12	15.409	264	241668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	706786	89.689	ng	0.02
7) Phenol-d6	6.410	99	935446	93.355	ng	0.00
23) Nitrobenzene-d5	7.333	82	562362	63.264	ng	0.00
42) 2,4,6-Tribromophenol	10.598	330	240885	97.179	ng	0.00
45) 2-Fluorobiphenyl	9.122	172	1028813	62.229	ng	0.00
79) Terphenyl-d14	12.886	244	1046144	67.901	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.581	88	124912	36.158	ng	99
3) Pyridine	3.322	79	316500	34.041	ng	95
4) n-Nitrosodimethylamine	3.293	42	204801	41.509	ng	98
6) Aniline	6.434	93	363601	27.671	ng	98
8) 2-Chlorophenol	6.551	128	365667	43.468	ng	97
9) Benzaldehyde	6.316	77	133212	23.336	ng	96
10) Phenol	6.422	94	447404	40.719	ng	96
11) bis(2-Chloroethyl)ether	6.504	93	335825	40.746	ng	98
12) 1,3-Dichlorobenzene	6.704	146	366480	42.866	ng	98
13) 1,4-Dichlorobenzene	6.781	146	373045	42.888	ng	99
14) 1,2-Dichlorobenzene	6.934	146	353889	43.811	ng	98
15) Benzyl Alcohol	6.910	79	320106	44.518	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.039	45	656999	42.290	ng	98
17) 2-Methylphenol	7.028	107	301883	40.666	ng	97
18) Hexachloroethane	7.269	117	135052	42.021	ng	92
19) n-Nitroso-di-n-propyla...	7.186	70	242083	39.004	ng	99
20) 3+4-Methylphenols	7.181	107	337082	37.762	ng	94
22) Acetophenone	7.175	105	466984	42.294	ng	# 98
24) Nitrobenzene	7.351	77	375194	42.703	ng	99
25) Isophorone	7.592	82	694272	42.534	ng	99
26) 2-Nitrophenol	7.663	139	192178	45.574	ng	98
27) 2,4-Dimethylphenol	7.704	122	296105	41.776	ng	99
28) bis(2-Chloroethoxy)met...	7.798	93	423139	43.311	ng	99
29) 2,4-Dichlorophenol	7.904	162	293776	44.729	ng	99
30) 1,2,4-Trichlorobenzene	7.986	180	305445	44.494	ng	99
31) Naphthalene	8.069	128	1006460	42.892	ng	99
32) Benzoic acid	7.851	122	239347	44.844	ng	98
33) 4-Chloroaniline	8.116	127	210807	20.477	ng	98
34) Hexachlorobutadiene	8.180	225	178554	43.135	ng	98
35) Caprolactam	8.498	113	101149m	45.888	ng	
36) 4-Chloro-3-methylphenol	8.610	107	324493	44.453	ng	97
37) 2-Methylnaphthalene	8.757	142	646152	40.966	ng	99
38) 1-Methylnaphthalene	8.857	142	608022	41.174	ng	100
40) 1,2,4,5-Tetrachloroben...	8.927	216	303628	42.017	ng	99
41) Hexachlorocyclopentadiene	8.910	237	223516	71.102	ng	99
43) 2,4,6-Trichlorophenol	9.039	196	212479	44.909	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	230081	42.227	ng	98
46) 1,1'-Biphenyl	9.227	154	803666	41.926	ng	99
47) 2-Chloronaphthalene	9.251	162	608806	43.774	ng	99
48) 2-Nitroaniline	9.351	65	237054	43.873	ng	96
49) Acenaphthylene	9.663	152	1010399	43.714	ng	99
50) Dimethylphthalate	9.533	163	729359	43.249	ng	100
51) 2,6-Dinitrotoluene	9.598	165	163496	44.255	ng	89
52) Acenaphthene	9.839	154	582438	42.655	ng	98
53) 3-Nitroaniline	9.763	138	140355	32.365	ng	98
54) 2,4-Dinitrophenol	9.880	184	157887	75.650	ng	98
55) Dibenzofuran	10.010	168	854071	40.989	ng	98
56) 4-Nitrophenol	9.939	139	253435	91.953	ng	96
57) 2,4-Dinitrotoluene	10.004	165	200735	43.402	ng	92
58) Fluorene	10.357	166	673905	42.071	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.127	232	186988	44.613	ng	99
60) Diethylphthalate	10.233	149	728414	43.038	ng	99
61) 4-Chlorophenyl-phenyle...	10.345	204	320335	41.631	ng	99
62) 4-Nitroaniline	10.386	138	178768	42.885	ng	99
63) Azobenzene	10.510	77	714839	43.156	ng	99
65) 4,6-Dinitro-2-methylph...	10.416	198	112014	43.679	ng	91
66) n-Nitrosodiphenylamine	10.469	169	630129	43.107	ng	99
67) 4-Bromophenyl-phenylether	10.839	248	207809	43.274	ng	97
68) Hexachlorobenzene	10.904	284	228860	46.780	ng	97
69) Atrazine	11.004	200	199862	50.814	ng	99
70) Pentachlorophenol	11.098	266	209480	71.567	ng	98
71) Phenanthrene	11.321	178	1028315	45.030	ng	100
72) Anthracene	11.374	178	1014236	43.209	ng	100
73) Carbazole	11.533	167	970641	45.425	ng	99
74) Di-n-butylphthalate	11.863	149	1131939	44.956	ng	99
75) Fluoranthene	12.515	202	1078978	45.345	ng	98
77) Benzidine	12.639	184	210272	42.974	ng	99
78) Pyrene	12.745	202	1062640	46.732	ng	100
80) Butylbenzylphthalate	13.368	149	404898	50.574	ng	98
81) Benzo(a)anthracene	13.939	228	689672	44.719	ng	99
82) 3,3'-Dichlorobenzidine	13.904	252	161845	33.597	ng	99
83) Chrysene	13.974	228	671805	43.813	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	437881	53.299	ng	99
85) Di-n-octyl phthalate	14.551	149	695355	53.259	ng	99
87) Indeno(1,2,3-cd)pyrene	16.886	276	729326	46.028	ng	99
88) Benzo(b)fluoranthene	14.986	252	612199	46.796	ng	99
89) Benzo(k)fluoranthene	15.015	252	581556	45.001	ng	98
90) Benzo(a)pyrene	15.351	252	532784	42.705	ng	99
91) Dibenzo(a,h)anthracene	16.903	278	582538	44.932	ng	99
92) Benzo(g,h,i)perylene	17.339	276	618333	45.667	ng	98

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

