

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
 Data File : BF135688.D
 Acq On : 10 Oct 2023 16:56
 Operator : CG\JU
 Sample : PB156053BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB156053BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/12/2023

Quant Time: Oct 11 02:59:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 11 02:43:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	102044	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	393638	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	199602	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	381880	20.000	ng	0.00
76) Chrysene-d12	13.933	240	195147	20.000	ng	0.00
86) Perylene-d12	15.404	264	199650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	842201	134.236	ng	0.02
7) Phenol-d6	6.398	99	1027446	128.788	ng	0.00
23) Nitrobenzene-d5	7.310	82	642148	88.628	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	269942	136.090	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	1168082	88.291	ng	0.00
79) Terphenyl-d14	12.869	244	1193839	94.835	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.522	88	108791	39.554	ng	99
3) Pyridine	3.287	79	259429	35.046	ng	97
4) n-Nitrosodimethylamine	3.240	42	185070	47.114	ng	98
6) Aniline	6.410	93	320913	30.675	ng	# 15
8) 2-Chlorophenol	6.534	128	319687	47.732	ng	95
9) Benzaldehyde	6.298	77	63506	13.973	ng	95
10) Phenol	6.410	94	374553	42.816	ng	80
11) bis(2-Chloroethyl)ether	6.481	93	297972	45.409	ng	98
12) 1,3-Dichlorobenzene	6.681	146	316676	46.524	ng	97
13) 1,4-Dichlorobenzene	6.757	146	323576	46.725	ng	98
14) 1,2-Dichlorobenzene	6.904	146	299281	46.537	ng	99
15) Benzyl Alcohol	6.898	79	245370	42.861	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.016	45	543118	43.911	ng	57
17) 2-Methylphenol	7.010	107	244447	41.359	ng	# 91
18) Hexachloroethane	7.240	117	120455	47.075	ng	92
19) n-Nitroso-di-n-propyla...	7.157	70	215013	43.512	ng	95
20) 3+4-Methylphenols	7.163	107	317325	44.650	ng	# 80
22) Acetophenone	7.151	105	423882	47.100	ng	# 91
24) Nitrobenzene	7.328	77	332889	46.484	ng	100
25) Isophorone	7.563	82	593574	44.615	ng	98
26) 2-Nitrophenol	7.645	139	167693	48.790	ng	95
27) 2,4-Dimethylphenol	7.687	122	245878	42.560	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	372817	46.818	ng	99
29) 2,4-Dichlorophenol	7.887	162	262550	49.044	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	267749	47.851	ng	99
31) Naphthalene	8.040	128	889079	46.486	ng	99
32) Benzoic acid	7.845	122	172493	39.651	ng	93
33) 4-Chloroaniline	8.098	127	229405	27.339	ng	98
34) Hexachlorobutadiene	8.151	225	155983	46.232	ng	99
35) Caprolactam	8.481	113	92315m	51.382	ng	
36) 4-Chloro-3-methylphenol	8.598	107	282227	47.435	ng	99
37) 2-Methylnaphthalene	8.734	142	563575	43.837	ng	98
38) 1-Methylnaphthalene	8.834	142	535469	44.487	ng	98
40) 1,2,4,5-Tetrachloroben...	8.898	216	271630	46.973	ng	99
41) Hexachlorocyclopentadiene	8.881	237	118261	49.513	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	170816	45.116	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	178854	41.020	ng	99
46) 1,1'-Biphenyl	9.198	154	720234	46.954	ng	98
47) 2-Chloronaphthalene	9.228	162	536948	48.246	ng	100
48) 2-Nitroaniline	9.334	65	202366	46.803	ng	97
49) Acenaphthylene	9.639	152	868389	46.949	ng	100
50) Dimethylphthalate	9.510	163	627791	46.520	ng	100
51) 2,6-Dinitrotoluene	9.581	165	136774	46.265	ng	92
52) Acenaphthene	9.810	154	514574	47.094	ng	99
53) 3-Nitroaniline	9.751	138	117450	33.845	ng	98
54) 2,4-Dinitrophenol	9.875	184	135554	80.709	ng	98
55) Dibenzofuran	9.986	168	751690	45.082	ng	97
56) 4-Nitrophenol	9.939	139	143109	64.887	ng	100
57) 2,4-Dinitrotoluene	9.992	165	175258	47.353	ng	92
58) Fluorene	10.333	166	606274	47.298	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	158316	47.202	ng	96
60) Diethylphthalate	10.210	149	642688	47.453	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	286143	46.471	ng	97
62) 4-Nitroaniline	10.375	138	149827	44.916	ng	99
63) Azobenzene	10.486	77	614930	46.392	ng	99
65) 4,6-Dinitro-2-methylph...	10.410	198	90458	44.598	ng	89
66) n-Nitrosodiphenylamine	10.445	169	552812	47.816	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	183608	48.342	ng	97
68) Hexachlorobenzene	10.881	284	194616	50.297	ng	# 87
69) Atrazine	10.980	200	175405	56.386	ng	99
70) Pentachlorophenol	11.086	266	148539	64.163	ng	96
71) Phenanthrene	11.298	178	877546	48.587	ng	99
72) Anthracene	11.351	178	886617	47.757	ng	100
73) Carbazole	11.516	167	844052	49.943	ng	99
74) Di-n-butylphthalate	11.839	149	995740	50.001	ng	100
75) Fluoranthene	12.498	202	917498	48.752	ng	98
77) Benzidine	12.627	184	261968	65.526	ng	98
78) Pyrene	12.727	202	935292	50.340	ng	100
80) Butylbenzylphthalate	13.345	149	342968	52.429	ng	98
81) Benzo(a)anthracene	13.927	228	640010	50.790	ng	100
82) 3,3'-Dichlorobenzidine	13.886	252	173579	44.100	ng	# 96
83) Chrysene	13.963	228	593161	47.345	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	414971	61.818	ng	99
85) Di-n-octyl phthalate	14.521	149	573498	53.759	ng	100
87) Indeno(1,2,3-cd)pyrene	16.904	276	656720	50.168	ng	100
88) Benzo(b)fluoranthene	14.980	252	533060	49.322	ng	99
89) Benzo(k)fluoranthene	15.010	252	495598	46.421	ng	100
90) Benzo(a)pyrene	15.345	252	483901	46.950	ng	98
91) Dibenzo(a,h)anthracene	16.910	278	535080	49.957	ng	99
92) Benzo(g,h,i)perylene	17.351	276	558245	49.906	ng	98

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

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