

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020323\
 Data File : BF132323.D
 Acq On : 03 Feb 2023 15:42
 Operator : CG\JU
 Sample : PB150669BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB150669BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 02/06/2023
 Supervised By : Jagrut Upadhyay 02/06/2023

Quant Time: Feb 04 01:38:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF013123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Feb 04 01:32:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.060	152	202389	20.000	ng	0.00
21) Naphthalene-d8	8.348	136	781212	20.000	ng	0.00
39) Acenaphthene-d10	10.113	164	391368	20.000	ng	0.00
64) Phenanthrene-d10	11.613	188	709578	20.000	ng	0.00
76) Chrysene-d12	14.271	240	366238	20.000	ng	0.00
86) Perylene-d12	15.848	264	348529	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.696	112	1462769	116.175	ng	0.02
7) Phenol-d6	6.684	99	1769598	113.998	ng	0.00
23) Nitrobenzene-d5	7.625	82	1080779	76.986	ng	0.00
42) 2,4,6-Tribromophenol	10.913	330	569489	141.499	ng	0.00
45) 2-Fluorobiphenyl	9.425	172	1927488	76.054	ng	0.00
79) Terphenyl-d14	13.207	244	2036773	107.579	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.084	88	205301	34.653	ng	96
3) Pyridine	3.813	79	524872	32.656	ng	96
4) n-Nitrosodimethylamine	3.778	42	189423	36.832	ng	96
6) Aniline	6.719	93	654409m	31.067	ng	
8) 2-Chlorophenol	6.843	128	597915	45.850	ng	96
9) Benzaldehyde	6.607	77	228967	23.003	ng	98
10) Phenol	6.695	94	641901	39.952	ng	98
11) bis(2-Chloroethyl)ether	6.790	93	562181	42.515	ng	96
12) 1,3-Dichlorobenzene	7.001	146	621836	45.085	ng	99
13) 1,4-Dichlorobenzene	7.078	146	621411	45.136	ng	99
14) 1,2-Dichlorobenzene	7.231	146	601436	46.842	ng	98
15) Benzyl Alcohol	7.195	79	448445	39.592	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.331	45	523209	37.555	ng	93
17) 2-Methylphenol	7.301	107	461930	40.466	ng	100
18) Hexachloroethane	7.572	117	235845	45.664	ng	95
19) n-Nitroso-di-n-propyla...	7.472	70	317199	35.974	ng	97
20) 3+4-Methylphenols	7.454	107	570507	39.157	ng	96
22) Acetophenone	7.472	105	733690	39.936	ng	97
24) Nitrobenzene	7.648	77	540308	37.673	ng	89
25) Isophorone	7.884	82	1035854	38.875	ng	95
26) 2-Nitrophenol	7.960	139	318986	45.661	ng	92
27) 2,4-Dimethylphenol	7.989	122	520400	42.559	ng	97
28) bis(2-Chloroethoxy)met...	8.089	93	646352	39.473	ng	98
29) 2,4-Dichlorophenol	8.201	162	474149	43.675	ng	96
30) 1,2,4-Trichlorobenzene	8.284	180	517252	44.493	ng	97
31) Naphthalene	8.372	128	1557919	40.514	ng	99
32) Benzoic acid	8.101	122	392549	43.370	ng	94
33) 4-Chloroaniline	8.413	127	266707	15.641	ng	97
34) Hexachlorobutadiene	8.484	225	301100	46.072	ng	99
35) Caprolactam	8.789	113	162834m	43.997	ng	
36) 4-Chloro-3-methylphenol	8.889	107	495640	42.378	ng	96
37) 2-Methylnaphthalene	9.060	142	1038048	39.853	ng	100
38) 1-Methylnaphthalene	9.166	142	965800	39.900	ng	100
40) 1,2,4,5-Tetrachloroben...	9.231	216	474134	43.050	ng	99
41) Hexachlorocyclopentadiene	9.213	237	578149	89.975	ng	98
43) 2,4,6-Trichlorophenol	9.336	196	346215	43.976	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.378	196	370798	40.920	ng	99
46) 1,1'-Biphenyl	9.531	154	1247421	41.343	ng	97
47) 2-Chloronaphthalene	9.554	162	973507	42.362	ng	99
48) 2-Nitroaniline	9.648	65	249122	36.450	ng	83
49) Acenaphthylene	9.978	152	1523690	40.625	ng	99
50) Dimethylphthalate	9.825	163	1148767	41.962	ng	98
51) 2,6-Dinitrotoluene	9.889	165	270014	44.162	ng	88
52) Acenaphthene	10.148	154	1068354	45.499	ng	99
53) 3-Nitroaniline	10.060	138	199676	26.930	ng	96
54) 2,4-Dinitrophenol	10.166	184	304290	85.539	ng	95
55) Dibenzofuran	10.319	168	1323404	40.113	ng	99
56) 4-Nitrophenol	10.213	139	446883	80.092	ng	94
57) 2,4-Dinitrotoluene	10.295	165	352180	44.342	ng	94
58) Fluorene	10.666	166	1030403	40.582	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.436	232	300594	45.503	ng	98
60) Diethylphthalate	10.531	149	1152519	42.319	ng	98
61) 4-Chlorophenyl-phenyle...	10.654	204	502263	41.682	ng	99
62) 4-Nitroaniline	10.683	138	268368	37.744	ng	98
63) Azobenzene	10.813	77	977402	36.844	ng	97
65) 4,6-Dinitro-2-methylph...	10.707	198	191512	47.554	ng	93
66) n-Nitrosodiphenylamine	10.772	169	911798	41.036	ng	100
67) 4-Bromophenyl-phenylether	11.148	248	326082	44.878	ng	99
68) Hexachlorobenzene	11.213	284	367233	47.286	ng	100
69) Atrazine	11.295	200	317091	49.615	ng	97
70) Pentachlorophenol	11.407	266	412348	77.275	ng	99
71) Phenanthrene	11.636	178	1512874	40.801	ng	100
72) Anthracene	11.689	178	1528720	40.512	ng	99
73) Carbazole	11.842	167	1352428	39.971	ng	100
74) Di-n-butylphthalate	12.160	149	1736016	43.399	ng	100
75) Fluoranthene	12.836	202	1457588	38.521	ng	98
77) Benzidine	12.948	184	414134	32.344	ng	99
78) Pyrene	13.066	202	1464932	49.732	ng	99
80) Butylbenzylphthalate	13.677	149	643341	49.433	ng	93
81) Benzo(a)anthracene	14.260	228	1092595	42.654	ng	99
82) 3,3'-Dichlorobenzidine	14.219	252	226387	27.748	ng	99
83) Chrysene	14.301	228	1010962	42.149	ng	100
84) Bis(2-ethylhexyl)phtha...	14.230	149	836870	47.573	ng	100
85) Di-n-octyl phthalate	14.866	149	1233001	42.973	ng	# 96
87) Indeno(1,2,3-cd)pyrene	17.501	276	1090733	47.099	ng	98
88) Benzo(b)fluoranthene	15.377	252	1022041	46.133	ng	99
89) Benzo(k)fluoranthene	15.413	252	916084	43.320	ng	98
90) Benzo(a)pyrene	15.783	252	860568	41.715	ng	99
91) Dibenzo(a,h)anthracene	17.518	278	897752	48.217	ng	99
92) Benzo(g,h,i)perylene	18.001	276	886985	46.112	ng	98

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

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