

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100722\
 Data File : BF130583.D
 Acq On : 07 Oct 2022 19:43
 Operator : CG\JU
 Sample : N5018-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SASP2-T-3-(5-10)MSD

Quant Time: Oct 10 01:45:26 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 07 02:06:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 10/10/2022
 Supervised By : Jagrut Upadhyay 10/10/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.616	152	77740	20.000	ng	0.00
21) Naphthalene-d8	7.898	136	297488	20.000	ng	# 0.00
39) Acenaphthene-d10	9.645	164	139209	20.000	ng	0.00
64) Phenanthrene-d10	11.121	188	195605	20.000	ng	-0.01
76) Chrysene-d12	13.757	240	158406	20.000	ng	0.00
86) Perylene-d12	15.139	264	184338	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.222	112	545734	121.759	ng	0.00
7) Phenol-d6	6.263	99	658870	117.485	ng	0.00
23) Nitrobenzene-d5	7.186	82	415262	71.314	ng	0.00
42) 2,4,6-Tribromophenol	10.433	330	149909	112.385	ng	0.00
45) 2-Fluorobiphenyl	8.975	172	761905	79.699	ng	0.00
79) Terphenyl-d14	12.710	244	603719	63.132	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.240	88	122481	59.502	ng	99
3) Pyridine	2.904	79	255418	47.567	ng	95
4) n-Nitrosodimethylamine	2.869	42	137036	46.922	ng	83
6) Aniline	6.281	93	274693	39.753	ng	# 48
8) 2-Chlorophenol	6.398	128	250945	49.150	ng	96
9) Benzaldehyde	6.163	77	126842	33.765	ng	91
10) Phenol	6.275	94	299368	45.551	ng	# 74
11) bis(2-Chloroethyl)ether	6.357	93	227259	47.941	ng	95
12) 1,3-Dichlorobenzene	6.551	146	270152	48.087	ng	99
13) 1,4-Dichlorobenzene	6.634	146	275925	48.163	ng	97
14) 1,2-Dichlorobenzene	6.781	146	257543	48.123	ng	99
15) Benzyl Alcohol	6.769	79	184808	41.563	ng	92
16) 2,2'-oxybis(1-Chloropr...	6.898	45	297575	43.040	ng	86
17) 2-Methylphenol	6.886	107	204795	49.343	ng	98
18) Hexachloroethane	7.122	117	104809	46.412	ng	96
19) n-Nitroso-di-n-propyla...	7.039	70	166419	43.977	ng	92
20) 3+4-Methylphenols	7.039	107	247067	45.824	ng	# 66
22) Acetophenone	7.034	105	350910	48.247	ng	# 90
24) Nitrobenzene	7.204	77	257595	43.567	ng	96
25) Isophorone	7.445	82	449398	47.883	ng	97
26) 2-Nitrophenol	7.522	139	130387	53.795	ng	# 84
27) 2,4-Dimethylphenol	7.563	122	203498	54.528	ng	97
28) bis(2-Chloroethoxy)met...	7.657	93	277058	52.426	ng	99
29) 2,4-Dichlorophenol	7.763	162	194895	47.655	ng	97
30) 1,2,4-Trichlorobenzene	7.839	180	212881	48.146	ng	96
31) Naphthalene	7.922	128	701417	45.766	ng	99
32) Benzoic acid	7.692	122	62956	21.814	ng	96
33) 4-Chloroaniline	7.975	127	162444	27.868	ng	96
34) Hexachlorobutadiene	8.033	225	137251	48.571	ng	100
35) Caprolactam	8.351	113	52393m	44.688	ng	
36) 4-Chloro-3-methylphenol	8.469	107	198505	43.791	ng	98
37) 2-Methylnaphthalene	8.610	142	441347	45.165	ng	100
38) 1-Methylnaphthalene	8.710	142	421402	44.891	ng	98
40) 1,2,4,5-Tetrachloroben...	8.775	216	201403	53.013	ng	98
41) Hexachlorocyclopentadiene	8.757	237	162551	79.917	ng	99
43) 2,4,6-Trichlorophenol	8.892	196	123990	46.764	ng	97

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44) 2,4,5-Trichlorophenol	8.933	196	129437	45.239	ng	97
46) 1,1'-Biphenyl	9.075	154	535835	51.539	ng	98
47) 2-Chloronaphthalene	9.098	162	411541	48.933	ng	96
48) 2-Nitroaniline	9.198	65	118355	42.193	ng	95
49) Acenaphthylene	9.510	152	599864	47.571	ng	99
50) Dimethylphthalate	9.380	163	455854	47.406	ng	100
51) 2,6-Dinitrotoluene	9.445	165	97416	48.440	ng	# 78
52) Acenaphthene	9.680	154	400942m	48.393	ng	
53) 3-Nitroaniline	9.610	138	70586	31.499	ng	94
54) 2,4-Dinitrophenol	9.722	184	68528	64.160	ng	94
55) Dibenzofuran	9.851	168	527842	45.804	ng	98
56) 4-Nitrophenol	9.786	139	108247	66.321	ng	91
57) 2,4-Dinitrotoluene	9.845	165	119118	46.346	ng	95
58) Fluorene	10.192	166	415369	44.073	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.975	232	88792	39.649	ng	90
60) Diethylphthalate	10.074	149	426861	44.267	ng	100
61) 4-Chlorophenyl-phenyle...	10.186	204	198799	48.084	ng	99
62) 4-Nitroaniline	10.222	138	87378m	38.815	ng	
63) Azobenzene	10.345	77	398018	40.085	ng	97
65) 4,6-Dinitro-2-methylph...	10.251	198	53695	49.313	ng	99
66) n-Nitrosodiphenylamine	10.310	169	342115	52.339	ng	99
67) 4-Bromophenyl-phenylether	10.674	248	117781	54.583	ng	97
68) Hexachlorobenzene	10.733	284	128036	52.344	ng	95
69) Atrazine	10.839	200	104277	54.589	ng	97
70) Pentachlorophenol	10.939	266	90655	69.056	ng	97
71) Phenanthrene	11.151	178	595769	54.249	ng	100
72) Anthracene	11.198	178	531384	50.140	ng	99
73) Carbazole	11.363	167	450610	47.113	ng	99
74) Di-n-butylphthalate	11.698	149	585130	50.732	ng	# 98
75) Fluoranthene	12.333	202	734261	69.192	ng	99
77) Benzidine	12.463	184	266674	57.993	ng	99
78) Pyrene	12.563	202	682983	49.286	ng	100
80) Butylbenzylphthalate	13.186	149	234477	45.675	ng	98
81) Benzo(a)anthracene	13.745	228	630300	59.812	ng	99
82) 3,3'-Dichlorobenzidine	13.715	252	140315	48.915	ng	97
83) Chrysene	13.786	228	588304	58.796	ng	99
84) Bis(2-ethylhexyl)phtha...	13.745	149	345108	58.690	ng	99
85) Di-n-octyl phthalate	14.357	149	616652	68.564	ng	97
87) Indeno(1,2,3-cd)pyrene	16.451	276	682448	52.206	ng	98
88) Benzo(b)fluoranthene	14.757	252	793855	65.980	ng	99
89) Benzo(k)fluoranthene	14.786	252	545836	46.119	ng	99
90) Benzo(a)pyrene	15.086	252	617632	64.796	ng	99
91) Dibenzo(a,h)anthracene	16.468	278	556309	51.876	ng	98
92) Benzo(g,h,i)perylene	16.845	276	546748	50.613	ng	98

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

