

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032522\
 Data File : BF127523.D
 Acq On : 25 Mar 2022 12:28
 Operator : CG\JU
 Sample : N2062-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/28/2022
 Supervised By : Jagrut Upadhyay 03/28/2022

Quant Time: Mar 25 17:25:28 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	91513	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	339047	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	194757	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	336640	20.000	ng	0.00
76) Chrysene-d12	14.033	240	198115	20.000	ng	0.00
86) Perylene-d12	15.515	264	194486	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	445022	77.623	ng	0.01
7) Phenol-d6	6.492	99	410291	52.355	ng	0.00
23) Nitrobenzene-d5	7.422	82	769988	97.077	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	298186	143.728	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1236395	92.701	ng	0.00
79) Terphenyl-d14	12.968	244	1228399	101.502	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.651	88	65345	25.951	ng	96
3) Pyridine	3.434	79	133199	18.742	ng	95
4) n-Nitrosodimethylamine	3.381	42	101445	25.998	ng	94
6) Aniline	6.516	93	254089	27.170	ng	96
8) 2-Chlorophenol	6.639	128	273998	46.768	ng	98
9) Benzaldehyde	6.404	77	202640	52.584	ng	98
10) Phenol	6.504	94	189145	22.162	ng	98
11) bis(2-Chloroethyl)ether	6.587	93	341794	54.732	ng	98
12) 1,3-Dichlorobenzene	6.787	146	322411	48.928	ng	98
13) 1,4-Dichlorobenzene	6.863	146	328183	49.512	ng	97
14) 1,2-Dichlorobenzene	7.016	146	313205	48.516	ng	99
15) Benzyl Alcohol	6.998	79	216249	37.970	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.122	45	592654	52.739	ng	78
17) 2-Methylphenol	7.110	107	190667	38.563	ng	# 88
18) Hexachloroethane	7.351	117	148454	61.178	ng	95
19) n-Nitroso-di-n-propyla...	7.269	70	262555	55.893	ng	99
20) 3+4-Methylphenols	7.269	107	214661	35.199	ng	98
22) Acetophenone	7.263	105	444116	51.243	ng	# 93
24) Nitrobenzene	7.439	77	398967	52.743	ng	99
25) Isophorone	7.675	82	731858	57.933	ng	100
26) 2-Nitrophenol	7.751	139	161325	50.852	ng	97
27) 2,4-Dimethylphenol	7.792	122	259689	54.418	ng	98
28) bis(2-Chloroethoxy)met...	7.881	93	429534	52.341	ng	99
29) 2,4-Dichlorophenol	7.998	162	264579	48.838	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	303170	48.024	ng	98
31) Naphthalene	8.157	128	893527	49.639	ng	99
32) Benzoic acid	7.928	122	53925	23.229	ng	97
33) 4-Chloroaniline	8.210	127	84836	12.162	ng	98
34) Hexachlorobutadiene	8.263	225	191206	47.697	ng	99
35) Caprolactam	8.616	113	18656	11.170	ng	# 78
36) 4-Chloro-3-methylphenol	8.698	107	276919	47.112	ng	95
37) 2-Methylnaphthalene	8.845	142	590822	51.045	ng	100
38) 1-Methylnaphthalene	8.945	142	561810	49.087	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	304713	49.207	ng	98
41) Hexachlorocyclopentadiene	8.992	237	203204	89.559	ng	96
43) 2,4,6-Trichlorophenol	9.128	196	188541	50.370	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	206870	53.688	ng	95
46) 1,1'-Biphenyl	9.310	154	721787	49.070	ng	99
47) 2-Chloronaphthalene	9.339	162	574048	49.559	ng	98
48) 2-Nitroaniline	9.445	65	233581	52.617	ng	99
49) Acenaphthylene	9.757	152	883490	50.453	ng	99
50) Dimethylphthalate	9.616	163	706448	52.141	ng	99
51) 2,6-Dinitrotoluene	9.686	165	150923	53.066	ng	95
52) Acenaphthene	9.927	154	524696	51.355	ng	98
53) 3-Nitroaniline	9.863	138	49094	15.736	ng	94
54) 2,4-Dinitrophenol	9.975	184	150309	102.027	ng	# 85
55) Dibenzofuran	10.098	168	763827	52.353	ng	100
56) 4-Nitrophenol	10.045	139	56573	35.628	ng	# 77
57) 2,4-Dinitrotoluene	10.098	165	185058	50.551	ng	94
58) Fluorene	10.445	166	630130	53.709	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	173950	51.061	ng	94
60) Diethylphthalate	10.316	149	641678	51.852	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	328743	46.946	ng	95
62) 4-Nitroaniline	10.486	138	124698	42.672	ng	98
63) Azobenzene	10.592	77	718689	49.219	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	107552	51.922	ng	98
66) n-Nitrosodiphenylamine	10.557	169	549760	53.648	ng	100
67) 4-Bromophenyl-phenylether	10.922	248	207267	52.735	ng	94
68) Hexachlorobenzene	10.992	284	229505	53.495	ng	98
69) Atrazine	11.092	200	181887	53.316	ng	96
70) Pentachlorophenol	11.198	266	209358	122.482	ng	99
71) Phenanthrene	11.410	178	899026	51.225	ng	100
72) Anthracene	11.463	178	906903	52.072	ng	99
73) Carbazole	11.627	167	791080	47.496	ng	98
74) Di-n-butylphthalate	11.939	149	973447	56.463	ng	100
75) Fluoranthene	12.604	202	934682	48.420	ng	100
78) Pyrene	12.833	202	925833	54.452	ng	99
80) Butylbenzylphthalate	13.439	149	327422	58.510	ng	95
81) Benzo(a)anthracene	14.021	228	692888	52.298	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	76536	19.656	ng	95
83) Chrysene	14.057	228	638364	50.882	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	450001	69.565	ng	99
85) Di-n-octyl phthalate	14.598	149	675030	78.419	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	654448	49.730	ng	99
88) Benzo(b)fluoranthene	15.080	252	664366	54.177	ng	100
89) Benzo(k)fluoranthene	15.110	252	572606	45.043	ng	99
90) Benzo(a)pyrene	15.457	252	615972	61.206	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	587054	54.031	ng	97
92) Benzo(g,h,i)perylene	17.486	276	562847	50.118	ng	99

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

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