

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041422\
 Data File : BG053158.D
 Acq On : 14 Apr 2022 15:57
 Operator : CG/JU
 Sample : N2392-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-212MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 04/15/2022
 Supervised By : Jagrut Upadhyay 04/15/2022

Quant Time: Apr 15 02:21:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG040822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 08 15:31:24 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.125	152	34317	20.000	ng	0.00
21) Naphthalene-d8	10.933	136	138247	20.000	ng	# 0.00
39) Acenaphthene-d10	14.745	164	102494	20.000	ng	0.00
64) Phenanthrene-d10	17.489	188	249148	20.000	ng	0.00
76) Chrysene-d12	21.777	240	234397	20.000	ng	# 0.00
86) Perylene-d12	25.072	264	244783	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.687	112	272666	136.201	ng	0.00
7) Phenol-d6	7.285	99	376810	122.055	ng	0.00
23) Nitrobenzene-d5	9.288	82	302952	88.978	ng	0.00
42) 2,4,6-Tribromophenol	16.232	330	230431	141.313	ng	0.00
45) 2-Fluorobiphenyl	13.371	172	658885	88.643	ng	0.00
79) Terphenyl-d14	20.091	244	1291595	93.063	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.578	88	36812	38.504	ng	# 30
3) Pyridine	3.983	79	88778	35.208	ng	# 87
4) n-Nitrosodimethylamine	3.884	42	63368	50.749	ng	85
6) Aniline	7.443	93	104297	29.151	ng	96
8) 2-Chlorophenol	7.690	128	116022	53.682	ng	97
9) Benzaldehyde	7.255	77	90540m	49.063	ng	
10) Phenol	7.314	94	139067	45.255	ng	87
11) bis(2-Chloroethyl)ether	7.532	93	108594	49.023	ng	89
12) 1,3-Dichlorobenzene	8.013	146	120966	48.166	ng	96
13) 1,4-Dichlorobenzene	8.160	146	123127	48.090	ng	99
14) 1,2-Dichlorobenzene	8.477	146	119407	48.362	ng	99
15) Benzyl Alcohol	8.360	79	137828	50.227	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.648	45	176221	47.649	ng	98
17) 2-Methylphenol	8.565	107	105745	50.851	ng	95
18) Hexachloroethane	9.212	117	47259	49.222	ng	97
19) n-Nitroso-di-n-propyla...	8.924	70	108279	47.907	ng	99
20) 3+4-Methylphenols	8.894	107	140934	48.009	ng	92
22) Acetophenone	8.941	105	189648	49.447	ng	97
24) Nitrobenzene	9.329	77	162285	49.003	ng	91
25) Isophorone	9.852	82	296759	51.279	ng	98
26) 2-Nitrophenol	10.040	139	67096	48.450	ng	# 94
27) 2,4-Dimethylphenol	10.099	122	114466	57.714	ng	93
28) bis(2-Chloroethoxy)met...	10.328	93	158633	48.791	ng	98
29) 2,4-Dichlorophenol	10.580	162	126527	50.746	ng	99
30) 1,2,4-Trichlorobenzene	10.792	180	133640	47.357	ng	98
31) Naphthalene	10.986	128	357038	48.407	ng	98
32) Benzoic acid	10.228	122	42249	33.886	ng	91
33) 4-Chloroaniline	11.091	127	26173	8.286	ng	96
34) Hexachlorobutadiene	11.274	225	99875	47.645	ng	98
35) Caprolactam	11.867	113	37406m	42.562	ng	
36) 4-Chloro-3-methylphenol	12.208	107	146235	50.378	ng	94
37) 2-Methylnaphthalene	12.584	142	258380	47.342	ng	94
38) 1-Methylnaphthalene	12.801	142	249295	46.795	ng	94
40) 1,2,4,5-Tetrachloroben...	12.948	216	168972	48.540	ng	98
41) Hexachlorocyclopentadiene	12.930	237	189288	105.336	ng	94
43) 2,4,6-Trichlorophenol	13.183	196	121498	50.623	ng	99

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44) 2,4,5-Trichlorophenol	13.259	196	126933	49.630	ng	97
46) 1,1'-Biphenyl	13.576	154	363196	49.207	ng	99
47) 2-Chloronaphthalene	13.623	162	279979	47.545	ng	96
48) 2-Nitroaniline	13.823	65	111944	50.092	ng	94
49) Acenaphthylene	14.469	152	483486	52.449	ng	98
50) Dimethylphthalate	14.193	163	401493	48.975	ng	100
51) 2,6-Dinitrotoluene	14.311	165	88378	51.676	ng	# 85
52) Acenaphthene	14.810	154	310114m	49.608	ng	
53) 3-Nitroaniline	14.640	138	46853	25.909	ng	# 94
54) 2,4-Dinitrophenol	14.851	184	59263	54.460	ng	95
55) Dibenzofuran	15.139	168	467143	47.724	ng	97
56) 4-Nitrophenol	14.957	139	130799	94.836	ng	# 79
57) 2,4-Dinitrotoluene	15.098	165	127718	52.455	ng	90
58) Fluorene	15.791	166	378931	47.930	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.368	232	124464	50.112	ng	98
60) Diethylphthalate	15.550	149	413348	48.124	ng	99
61) 4-Chlorophenyl-phenyle...	15.773	204	216722	48.358	ng	98
62) 4-Nitroaniline	15.809	138	86733	45.451	ng	# 79
63) Azobenzene	16.067	77	407296	47.032	ng	96
65) 4,6-Dinitro-2-methylph...	15.867	198	59470	34.213	ng	97
66) n-Nitrosodiphenylamine	15.991	169	346522	48.365	ng	97
67) 4-Bromophenyl-phenylether	16.672	248	154288	48.329	ng	98
68) Hexachlorobenzene	16.801	284	171632	49.643	ng	96
69) Atrazine	16.936	200	151047	53.971	ng	96
70) Pentachlorophenol	17.142	266	188461	99.741	ng	91
71) Phenanthrene	17.530	178	664928	48.860	ng	97
72) Anthracene	17.624	178	668774	49.604	ng	99
73) Carbazole	17.888	167	610739	46.601	ng	99
74) Di-n-butylphthalate	18.434	149	717378	48.264	ng	98
75) Fluoranthene	19.539	202	834803	47.855	ng	98
77) Benzidine	19.709	184	179208	26.797	ng	99
78) Pyrene	19.897	202	837428	50.164	ng	99
80) Butylbenzylphthalate	20.772	149	305259	49.048	ng	98
81) Benzo(a)anthracene	21.753	228	804120	50.175	ng	98
82) 3,3'-Dichlorobenzidine	21.659	252	174406	29.591	ng	97
83) Chrysene	21.824	228	731266	49.165	ng	99
84) Bis(2-ethylhexyl)phtha...	21.642	149	423814	50.378	ng	99
85) Di-n-octyl phthalate	22.881	149	718425	51.062	ng	97
87) Indeno(1,2,3-cd)pyrene	28.861	276	889630	48.918	ng	98
88) Benzo(b)fluoranthene	24.027	252	828035	53.614	ng	99
89) Benzo(k)fluoranthene	24.097	252	776248	51.140	ng	97
90) Benzo(a)pyrene	24.920	252	785825	59.726	ng	97
91) Dibenzo(a,h)anthracene	28.926	278	766113	51.183	ng	99
92) Benzo(g,h,i)perylene	30.054	276	761830	51.639	ng	98

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

