

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041422\
 Data File : BG053157.D
 Acq On : 14 Apr 2022 15:18
 Operator : CG/JU
 Sample : N2392-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 VNJ-212MS

Manual Integrations
 APPROVED

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

Quant Time: Apr 15 02:21:32 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	8.126	152	38694	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	148246	20.000	ng	0.00
39) Acenaphthene-d10	14.746	164	107919	20.000	ng	0.00
64) Phenanthrene-d10	17.490	188	255217	20.000	ng	0.00
76) Chrysene-d12	21.772	240	239921	20.000	ng	0.00
86) Perylene-d12	25.079	264	251841	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.688	112	294201	130.334	ng	0.00
7) Phenol-d6	7.286	99	404188	116.114	ng	0.00
23) Nitrobenzene-d5	9.289	82	324410	88.853	ng	0.00
42) 2,4,6-Tribromophenol	16.233	330	233669	136.096	ng	0.00
45) 2-Fluorobiphenyl	13.366	172	698220	89.213	ng	0.00
79) Terphenyl-d14	20.092	244	1308629	92.120	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.579	88	41395	38.400	ng	# 29
3) Pyridine	3.984	79	97783	34.393	ng	# 86
4) n-Nitrosodimethylamine	3.885	42	66932	47.539	ng	94
6) Aniline	7.444	93	100088	24.810	ng	95
8) 2-Chlorophenol	7.691	128	122123	50.113	ng	96
9) Benzaldehyde	7.251	77	100432m	48.267	ng	
10) Phenol	7.315	94	150719	43.498	ng	91
11) bis(2-Chloroethyl)ether	7.533	93	120301	48.164	ng	93
12) 1,3-Dichlorobenzene	8.008	146	130187	45.974	ng	94
13) 1,4-Dichlorobenzene	8.155	146	131087	45.407	ng	96
14) 1,2-Dichlorobenzene	8.478	146	131524	47.244	ng	96
15) Benzyl Alcohol	8.361	79	147660	47.724	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.643	45	190029	45.570	ng	99
17) 2-Methylphenol	8.566	107	112304	47.896	ng	95
18) Hexachloroethane	9.213	117	51175	47.271	ng	94
19) n-Nitroso-di-n-propyla...	8.925	70	117216	45.995	ng	# 94
20) 3+4-Methylphenols	8.895	107	151913	45.895	ng	92
22) Acetophenone	8.942	105	200282	48.698	ng	94
24) Nitrobenzene	9.330	77	173862	48.957	ng	# 89
25) Isophorone	9.853	82	321598	51.823	ng	98
26) 2-Nitrophenol	10.041	139	73601	49.563	ng	# 90
27) 2,4-Dimethylphenol	10.100	122	123181	57.919	ng	95
28) bis(2-Chloroethoxy)met...	10.329	93	169737	48.685	ng	99
29) 2,4-Dichlorophenol	10.581	162	135181	50.560	ng	95
30) 1,2,4-Trichlorobenzene	10.799	180	141109	46.631	ng	98
31) Naphthalene	10.987	128	380956	48.166	ng	99
32) Benzoic acid	10.241	122	50232	37.176	ng	# 86
33) 4-Chloroaniline	11.087	127	22470	6.634	ng	91
34) Hexachlorobutadiene	11.275	225	104216	46.363	ng	99
35) Caprolactam	11.862	113	37194m	39.466	ng	
36) 4-Chloro-3-methylphenol	12.209	107	152661	49.045	ng	95
37) 2-Methylnaphthalene	12.579	142	271456	46.383	ng	95
38) 1-Methylnaphthalene	12.802	142	267637m	46.850	ng	
40) 1,2,4,5-Tetrachloroben...	12.949	216	179771	49.046	ng	99
41) Hexachlorocyclopentadiene	12.931	237	209380	110.660	ng	95
43) 2,4,6-Trichlorophenol	13.184	196	126866	50.202	ng	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.260	196	135696	50.390	ng	96
46) 1,1'-Biphenyl	13.577	154	386426	49.722	ng	97
47) 2-Chloronaphthalene	13.624	162	296834	47.873	ng	97
48) 2-Nitroaniline	13.818	65	115746	49.190	ng	88
49) Acenaphthylene	14.470	152	507631	52.300	ng	98
50) Dimethylphthalate	14.194	163	414272	47.994	ng	100
51) 2,6-Dinitrotoluene	14.312	165	89449	49.673	ng	# 84
52) Acenaphthene	14.811	154	335229m	50.930	ng	
53) 3-Nitroaniline	14.641	138	40761	21.407	ng	# 89
54) 2,4-Dinitrophenol	14.852	184	67998	59.346	ng	# 87
55) Dibenzofuran	15.140	168	483722	46.933	ng	98
56) 4-Nitrophenol	14.958	139	133322	91.806	ng	# 76
57) 2,4-Dinitrotoluene	15.099	165	128827	50.250	ng	89
58) Fluorene	15.792	166	396281	47.605	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.369	232	129516	49.524	ng	99
60) Diethylphthalate	15.551	149	423849	46.866	ng	98
61) 4-Chlorophenyl-phenyle...	15.774	204	221305	46.898	ng	98
62) 4-Nitroaniline	15.810	138	87935	43.765	ng	# 82
63) Azobenzene	16.068	77	418319	45.877	ng	95
65) 4,6-Dinitro-2-methylph...	15.868	198	64037	35.964	ng	92
66) n-Nitrosodiphenylamine	15.992	169	358019	48.782	ng	99
67) 4-Bromophenyl-phenylether	16.673	248	159831	48.875	ng	98
68) Hexachlorobenzene	16.802	284	179049	50.557	ng	97
69) Atrazine	16.938	200	155119	54.108	ng	96
70) Pentachlorophenol	17.143	266	195272	100.889	ng	92
71) Phenanthrene	17.531	178	672611	48.249	ng	98
72) Anthracene	17.625	178	678219	49.108	ng	100
73) Carbazole	17.889	167	626248	46.648	ng	99
74) Di-n-butylphthalate	18.435	149	724690	47.597	ng	98
75) Fluoranthene	19.534	202	845793	47.332	ng	97
77) Benzidine	19.710	184	168122	24.560	ng	98
78) Pyrene	19.898	202	841656	49.257	ng	99
80) Butylbenzylphthalate	20.773	149	310048	48.670	ng	99
81) Benzo(a)anthracene	21.755	228	818667	49.906	ng	98
82) 3,3'-Dichlorobenzidine	21.661	252	162853	26.994	ng	97
83) Chrysene	21.825	228	742897	48.797	ng	99
84) Bis(2-ethylhexyl)phtha...	21.643	149	431679	50.132	ng	100
85) Di-n-octyl phthalate	22.882	149	721206	50.079	ng	96
87) Indeno(1,2,3-cd)pyrene	28.863	276	901602	48.187	ng	98
88) Benzo(b)fluoranthene	24.028	252	846644	53.283	ng	98
89) Benzo(k)fluoranthene	24.098	252	791787	50.702	ng	99
90) Benzo(a)pyrene	24.921	252	808458	59.724	ng	99
91) Dibenzo(a,h)anthracene	28.927	278	781269	50.733	ng	99
92) Benzo(g,h,i)perylene	30.055	276	770448	50.759	ng	98

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

