

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112021\
 Data File : BG051150.D
 Acq On : 20 Nov 2021 16:31
 Operator : CG/JU
 Sample : PB140900BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB140900BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 11/22/2021
 Supervised By :mohammad ahmed 11/24/2021

Quant Time: Nov 22 01:23:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 19 16:26:22 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.206	152	23384	20.000	ng	0.00
21) Naphthalene-d8	11.032	136	104180	20.000	ng	# 0.00
39) Acenaphthene-d10	14.839	164	78216	20.000	ng	0.00
64) Phenanthrene-d10	17.589	188	183076	20.000	ng	# 0.00
76) Chrysene-d12	21.890	240	162938	20.000	ng	# 0.00
86) Perylene-d12	25.286	264	162668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.744	112	191284	126.452	ng	0.00
7) Phenol-d6	7.360	99	257117	120.680	ng	0.00
23) Nitrobenzene-d5	9.381	82	171609	75.194	ng	0.00
42) 2,4,6-Tribromophenol	16.325	330	102510	123.308	ng	0.00
45) 2-Fluorobiphenyl	13.458	172	377567	72.841	ng	0.00
79) Terphenyl-d14	20.174	244	698351	78.352	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.576	88	21299	33.579	ng	90
3) Pyridine	3.993	79	51118	27.089	ng	# 88
4) n-Nitrosodimethylamine	3.905	42	33983	41.885	ng	# 39
6) Aniline	7.524	93	105490	41.681	ng	94
8) 2-Chlorophenol	7.765	128	72153	45.448	ng	98
9) Benzaldehyde	7.336	77	53141	34.474	ng	92
10) Phenol	7.389	94	98768	45.159	ng	82
11) bis(2-Chloroethyl)ether	7.612	93	68952	41.701	ng	93
12) 1,3-Dichlorobenzene	8.088	146	70455	41.482	ng	93
13) 1,4-Dichlorobenzene	8.241	146	72314	41.069	ng	94
14) 1,2-Dichlorobenzene	8.558	146	69576	41.655	ng	92
15) Benzyl Alcohol	8.441	79	75307	44.239	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.723	45	100249	41.941	ng	88
17) 2-Methylphenol	8.646	107	67625	45.800	ng	# 90
18) Hexachloroethane	9.293	117	27526	41.834	ng	95
19) n-Nitroso-di-n-propyla...	9.005	70	64100	40.759	ng	# 87
20) 3+4-Methylphenols	8.975	107	92309	43.867	ng	92
22) Acetophenone	9.034	105	110234	39.167	ng	# 93
24) Nitrobenzene	9.422	77	93126	42.075	ng	91
25) Isophorone	9.945	82	170888	41.592	ng	# 95
26) 2-Nitrophenol	10.139	139	42340	42.258	ng	# 84
27) 2,4-Dimethylphenol	10.186	122	73101	49.429	ng	93
28) bis(2-Chloroethoxy)met...	10.421	93	97370	39.797	ng	94
29) 2,4-Dichlorophenol	10.679	162	73185	43.847	ng	95
30) 1,2,4-Trichlorobenzene	10.891	180	74996	40.001	ng	93
31) Naphthalene	11.085	128	222447	40.464	ng	98
32) Benzoic acid	10.344	122	44091	42.906	ng	83
33) 4-Chloroaniline	11.190	127	83058	35.158	ng	95
34) Hexachlorobutadiene	11.349	225	45196	39.044	ng	91
35) Caprolactam	11.972	113	30011m	67.325	ng	
36) 4-Chloro-3-methylphenol	12.307	107	93496	45.368	ng	94
37) 2-Methylnaphthalene	12.677	142	166710	42.804	ng	92
38) 1-Methylnaphthalene	12.894	142	156301	41.106	ng	93
40) 1,2,4,5-Tetrachloroben...	13.035	216	91078	38.314	ng	98
41) Hexachlorocyclopentadiene	13.006	237	68671	101.014	ng	90
43) 2,4,6-Trichlorophenol	13.276	196	66724	40.710	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.358	196	75022	42.350	ng	91
46) 1,1'-Biphenyl	13.670	154	218280	38.823	ng	97
47) 2-Chloronaphthalene	13.723	162	176323	39.612	ng	97
48) 2-Nitroaniline	13.922	65	69039	42.912	ng	88
49) Acenaphthylene	14.563	152	292185	41.171	ng	97
50) Dimethylphthalate	14.281	163	251830	41.791	ng	98
51) 2,6-Dinitrotoluene	14.410	165	55949	44.452	ng	# 81
52) Acenaphthene	14.904	154	169824	41.001	ng	91
53) 3-Nitroaniline	14.751	138	51730	36.690	ng	100
54) 2,4-Dinitrophenol	14.962	184	62852	89.614	ng	# 81
55) Dibenzofuran	15.233	168	285370	39.673	ng	95
56) 4-Nitrophenol	15.062	139	92500	93.265	ng	# 74
57) 2,4-Dinitrotoluene	15.203	165	81102	44.986	ng	# 91
58) Fluorene	15.885	166	238494	42.229	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.462	232	64194	42.209	ng	# 99
60) Diethylphthalate	15.632	149	271137	42.668	ng	97
61) 4-Chlorophenyl-phenyle...	15.867	204	126235	40.886	ng	94
62) 4-Nitroaniline	15.914	138	62354	41.357	ng	# 66
63) Azobenzene	16.161	77	263904	41.468	ng	83
65) 4,6-Dinitro-2-methylph...	15.967	198	45445	41.565	ng	88
66) n-Nitrosodiphenylamine	16.085	169	218885	41.663	ng	97
67) 4-Bromophenyl-phenylether	16.760	248	82094	41.460	ng	94
68) Hexachlorobenzene	16.884	284	82999	41.240	ng	96
69) Atrazine	17.025	200	91599	65.559	ng	99
70) Pentachlorophenol	17.236	266	86241	94.258	ng	98
71) Phenanthrene	17.630	178	412013	41.871	ng	97
72) Anthracene	17.718	178	417155	42.734	ng	98
73) Carbazole	17.988	167	378656	39.436	ng	99
74) Di-n-butylphthalate	18.517	149	476709	41.009	ng	# 97
75) Fluoranthene	19.628	202	505982	41.709	ng	96
77) Benzidine	19.804	184	266045	99.439	ng	97
78) Pyrene	19.992	202	506609	42.872	ng	98
80) Butylbenzylphthalate	20.855	149	207908	41.271	ng	96
81) Benzo(a)anthracene	21.866	228	460550	41.446	ng	100
82) 3,3'-Dichlorobenzidine	21.772	252	136439	27.477	ng	# 96
83) Chrysene	21.937	228	442971	42.456	ng	96
84) Bis(2-ethylhexyl)phtha...	21.725	149	298114	42.482	ng	# 97
85) Di-n-octyl phthalate	22.994	149	509834	43.362	ng	99
87) Indeno(1,2,3-cd)pyrene	29.210	276	505770	43.324	ng	# 90
88) Benzo(b)fluoranthene	24.199	252	466284	46.501	ng	# 95
89) Benzo(k)fluoranthene	24.269	252	442952	43.547	ng	# 97
90) Benzo(a)pyrene	25.127	252	449516	51.661	ng	# 95
91) Dibenzo(a,h)anthracene	29.269	278	424197	44.107	ng	# 94
92) Benzo(g,h,i)perylene	30.438	276	423291	44.501	ng	# 91

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

