

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081821\
 Data File : BP006760.D
 Acq On : 18 Aug 2021 23:59
 Operator : CG/JU
 Sample : M3435-17MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SWCS-24-0306MS

Manual Integrations
 APPROVED

mohammad
 8/19/2021 1:27:46 PM

Quant Time: Aug 19 04:52:12 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:17:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.699	152	161844	20.000	ng	0.00
21) Naphthalene-d8	10.481	136	687877	20.000	ng	#-0.01
39) Acenaphthene-d10	14.339	164	382068	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	739748	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	686446	20.000	ng	# 0.00
86) Perylene-d12	23.515	264	730339	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	1372563	130.260	ng	0.00
7) Phenol-d6	6.893	99	1751642	117.025	ng	0.00
23) Nitrobenzene-d5	8.857	82	1174834	78.833	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	497494	124.591	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	1798936	70.444	ng	0.00
79) Terphenyl-d14	19.680	244	2216995	64.716	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.240	88	193900	42.267	ng	95
3) Pyridine	3.634	79	509629	37.797	ng	98
4) n-Nitrosodimethylamine	3.552	42	212224	41.702	ng	# 75
6) Aniline	7.040	93	545924	33.576	ng	96
8) 2-Chlorophenol	7.269	128	579283	50.810	ng	94
9) Benzaldehyde	6.852	77	404359	44.884	ng	93
10) Phenol	6.916	94	754551	50.273	ng	99
11) bis(2-Chloroethyl)ether	7.140	93	537806	47.190	ng	92
12) 1,3-Dichlorobenzene	7.587	146	577463	48.598	ng	97
13) 1,4-Dichlorobenzene	7.734	146	589773	48.905	ng	98
14) 1,2-Dichlorobenzene	8.046	146	561712	48.541	ng	97
15) Benzyl Alcohol	7.951	79	554042	49.358	ng	94
16) 2,2'-oxybis(1-Chloropr...	8.228	45	598451	44.128	ng	94
17) 2-Methylphenol	8.151	107	487501	51.439	ng	97
18) Hexachloroethane	8.763	117	238736	50.016	ng	# 89
19) n-Nitroso-di-n-propyla...	8.516	70	454362	45.245	ng	96
20) 3+4-Methylphenols	8.481	107	658957	51.083	ng	97
22) Acetophenone	8.528	105	875735	48.006	ng	# 98
24) Nitrobenzene	8.898	77	696062	44.931	ng	91
25) Isophorone	9.428	82	1181032	44.122	ng	95
26) 2-Nitrophenol	9.604	139	294551	52.246	ng	92
27) 2,4-Dimethylphenol	9.675	122	527771	55.903	ng	95
28) bis(2-Chloroethoxy)met...	9.916	93	713497	49.818	ng	98
29) 2,4-Dichlorophenol	10.140	162	486097	50.857	ng	95
30) 1,2,4-Trichlorobenzene	10.345	180	481808	46.911	ng	97
31) Naphthalene	10.534	128	1705737	46.147	ng	99
32) Benzoic acid	9.851	122	384639	52.665	ng	88
33) 4-Chloroaniline	10.651	127	230050	15.380	ng	94
34) Hexachlorobutadiene	10.810	225	286978	47.949	ng	99
35) Caprolactam	11.469	113	172557m	50.067	ng	
36) 4-Chloro-3-methylphenol	11.792	107	606969	49.981	ng	90
37) 2-Methylnaphthalene	12.151	142	1172010	46.793	ng	98
38) 1-Methylnaphthalene	12.369	142	1074122	45.127	ng	98
40) 1,2,4,5-Tetrachloroben...	12.522	216	502694	50.270	ng	# 95
41) Hexachlorocyclopentadiene	12.498	237	659699	124.386	ng	97
43) 2,4,6-Trichlorophenol	12.769	196	353368	51.753	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.839	196	383981	50.804	ng	# 87
46) 1,1'-Biphenyl	13.175	154	1366395	47.249	ng	97
47) 2-Chloronaphthalene	13.210	162	1064340	47.793	ng	94
48) 2-Nitroaniline	13.428	65	396648	50.469	ng	86
49) Acenaphthylene	14.063	152	1763339	49.105	ng	100
50) Dimethylphthalate	13.816	163	1340893	48.214	ng	99
51) 2,6-Dinitrotoluene	13.934	165	293798	47.342	ng	# 78
52) Acenaphthene	14.404	154	1017934	46.578	ng	97
53) 3-Nitroaniline	14.263	138	211972	30.810	ng	# 79
54) 2,4-Dinitrophenol	14.475	184	328461	101.211	ng	# 79
55) Dibenzofuran	14.745	168	1574464	45.802	ng	93
56) 4-Nitrophenol	14.586	139	593241	99.306	ng	88
57) 2,4-Dinitrotoluene	14.728	165	411614	49.457	ng	# 76
58) Fluorene	15.398	166	1281820	46.652	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.975	232	307342	48.524	ng	# 68
60) Diethylphthalate	15.186	149	1431056	48.990	ng	97
61) 4-Chlorophenyl-phenyle...	15.398	204	587566	47.221	ng	90
62) 4-Nitroaniline	15.433	138	331515	45.410	ng	94
63) Azobenzene	15.692	77	1588872	46.654	ng	94
65) 4,6-Dinitro-2-methylph...	15.486	198	196833	43.547	ng	70
66) n-Nitrosodiphenylamine	15.616	169	1093641	47.035	ng	99
67) 4-Bromophenyl-phenylether	16.292	248	348924	49.159	ng	# 85
68) Hexachlorobenzene	16.398	284	388926	48.151	ng	# 86
69) Atrazine	16.580	200	387242	53.372	ng	96
70) Pentachlorophenol	16.751	266	524743	102.393	ng	99
71) Phenanthrene	17.145	178	1948531	46.698	ng	99
72) Anthracene	17.233	178	1980318	49.116	ng	100
73) Carbazole	17.510	167	1856645	45.146	ng	97
74) Di-n-butylphthalate	18.080	149	2439831	52.072	ng	99
75) Fluoranthene	19.121	202	2171036	46.356	ng	95
77) Benzidine	19.316	184	1348328	78.495	ng	99
78) Pyrene	19.474	202	2224424	48.514	ng	99
80) Butylbenzylphthalate	20.368	149	1125362	55.816	ng	92
81) Benzo(a)anthracene	21.192	228	2104561	46.912	ng	99
82) 3,3'-Dichlorobenzidine	21.127	252	633809	53.816	ng	# 97
83) Chrysene	21.245	228	2067080	47.528	ng	99
84) Bis(2-ethylhexyl)phtha...	21.127	149	1697388	56.022	ng	# 95
85) Di-n-octyl phthalate	22.027	149	2897229	58.015	ng	# 96
87) Indeno(1,2,3-cd)pyrene	25.903	276	2616525	49.408	ng	# 91
88) Benzo(b)fluoranthene	22.815	252	2240045	47.192	ng	# 97
89) Benzo(k)fluoranthene	22.862	252	2109749	46.293	ng	# 96
90) Benzo(a)pyrene	23.415	252	2140492	50.276	ng	# 95
91) Dibenzo(a,h)anthracene	25.921	278	2207598	48.214	ng	# 93
92) Benzo(g,h,i)perylene	26.633	276	2162540	49.286	ng	# 91

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

