

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092821\
 Data File : BP007229.D
 Acq On : 28 Sep 2021 14:12
 Operator : CG/JU
 Sample : M3922-06MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SUB-SLAB-03-(33-35)MS

Manual Integrations
 APPROVED

Quant Time: Sep 28 16:31:41 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 23 11:17:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.881	152	175681	20.000	ng	-0.01
21) Naphthalene-d8	10.681	136	696265	20.000	ng	#-0.01
39) Acenaphthene-d10	14.516	164	438182	20.000	ng	-0.01
64) Phenanthrene-d10	17.269	188	888627	20.000	ng	# 0.00
76) Chrysene-d12	21.357	240	807393	20.000	ng	0.00
86) Perylene-d12	23.768	264	893253	20.000	ng	0.00

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System Monitoring Compounds						
5) 2-Fluorophenol	5.458	112	1121790	106.888	ng	0.00
7) Phenol-d6	7.057	99	1385667	96.602	ng	0.00
23) Nitrobenzene-d5	9.046	82	815237	68.187	ng	-0.01
42) 2,4,6-Tribromophenol	16.010	330	663878	116.863	ng	0.00
45) 2-Fluorobiphenyl	13.139	172	2028296	66.315	ng	-0.01
79) Terphenyl-d14	19.827	244	2779290	65.963	ng	0.00

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Target Compounds					Qvalue	
2) 1,4-Dioxane	3.340	88	144228	33.983	ng	# 88
3) Pyridine	3.752	79	357358	30.770	ng	# 85
4) n-Nitrosodimethylamine	3.658	42	165905	41.669	ng	# 82
6) Aniline	7.210	93	501439	31.714	ng	100
8) 2-Chlorophenol	7.446	128	497957	43.657	ng	99
9) Benzaldehyde	7.022	77	293317m	36.301	ng	
10) Phenol	7.087	94	598471	43.275	ng	93
11) bis(2-Chloroethyl)ether	7.304	93	427405	39.153	ng	96
12) 1,3-Dichlorobenzene	7.769	146	537348	41.765	ng	97
13) 1,4-Dichlorobenzene	7.916	146	549137	41.866	ng	98
14) 1,2-Dichlorobenzene	8.234	146	526185	41.398	ng	98
15) Benzyl Alcohol	8.128	79	406183	44.212	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.416	45	497665	39.815	ng	90
17) 2-Methylphenol	8.334	107	399371	42.838	ng	94
18) Hexachloroethane	8.957	117	188866	42.887	ng	91
19) n-Nitroso-di-n-propyla...	8.693	70	308624	39.559	ng	98
20) 3+4-Methylphenols	8.663	107	538577	41.780	ng	96
22) Acetophenone	8.710	105	688822	41.058	ng	# 99
24) Nitrobenzene	9.087	77	482078	42.291	ng	97
25) Isophorone	9.616	82	846186	40.589	ng	98
26) 2-Nitrophenol	9.798	139	269892	45.407	ng	89
27) 2,4-Dimethylphenol	9.863	122	430077	45.954	ng	98
28) bis(2-Chloroethoxy)met...	10.098	93	550803	37.448	ng	99
29) 2,4-Dichlorophenol	10.340	162	480348	43.999	ng	98
30) 1,2,4-Trichlorobenzene	10.546	180	520144	41.822	ng	98
31) Naphthalene	10.734	128	1445540	40.680	ng	100
32) Benzoic acid	10.028	122	276212	38.400	ng	96
33) 4-Chloroaniline	10.845	127	243634	16.596	ng	100
34) Hexachlorobutadiene	11.016	225	332511	44.652	ng	99
35) Caprolactam	11.651	113	140242m	41.756	ng	
36) 4-Chloro-3-methylphenol	11.981	107	468700	42.237	ng	99
37) 2-Methylnaphthalene	12.345	142	1053370	42.335	ng	96
38) 1-Methylnaphthalene	12.563	142	970482	39.918	ng	99
40) 1,2,4,5-Tetrachloroben...	12.716	216	594843	44.329	ng	98
41) Hexachlorocyclopentadiene	12.687	237	681400	91.622	ng	97
43) 2,4,6-Trichlorophenol	12.957	196	398076	43.476	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.034	196	427247	43.332	ng	94
46) 1,1'-Biphenyl	13.351	154	1298103	39.828	ng	100
47) 2-Chloronaphthalene	13.392	162	1051170	41.635	ng	98
48) 2-Nitroaniline	13.598	65	271585	44.120	ng	95
49) Acenaphthylene	14.239	152	1646321	42.337	ng	100
50) Dimethylphthalate	13.981	163	1273430	40.407	ng	99
51) 2,6-Dinitrotoluene	14.098	165	285009	44.272	ng	90
52) Acenaphthene	14.581	154	957934	40.659	ng	99
53) 3-Nitroaniline	14.428	138	169557	24.359	ng	98
54) 2,4-Dinitrophenol	14.639	184	314224	84.734	ng	91
55) Dibenzofuran	14.916	168	1571759	39.985	ng	96
56) 4-Nitrophenol	14.745	139	478258	84.634	ng	# 84
57) 2,4-Dinitrotoluene	14.886	165	389246	45.820	ng	91
58) Fluorene	15.569	166	1235871	40.698	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.145	232	367605m	42.458	ng	
60) Diethylphthalate	15.339	149	1239012	40.573	ng	98
61) 4-Chlorophenyl-phenyle...	15.557	204	654936	40.813	ng	92
62) 4-Nitroaniline	15.592	138	275790	39.397	ng	# 82
63) Azobenzene	15.851	77	1027631	38.833	ng	94
65) 4,6-Dinitro-2-methylph...	15.657	198	205654	38.565	ng	96
66) n-Nitrosodiphenylamine	15.775	169	1080549	40.867	ng	100
67) 4-Bromophenyl-phenylether	16.457	248	422111	43.341	ng	94
68) Hexachlorobenzene	16.575	284	490280	45.549	ng	95
69) Atrazine	16.733	200	406343	43.599	ng	97
70) Pentachlorophenol	16.922	266	559839	83.751	ng	98
71) Phenanthrene	17.310	178	1931045	40.528	ng	100
72) Anthracene	17.404	178	1969929	42.263	ng	100
73) Carbazole	17.675	167	1760577	38.546	ng	98
74) Di-n-butylphthalate	18.222	149	2044326	40.388	ng	98
75) Fluoranthene	19.280	202	2230664	40.634	ng	99
77) Benzidine	19.457	184	1027795	41.423	ng	99
78) Pyrene	19.633	202	2281542	43.071	ng	99
80) Butylbenzylphthalate	20.498	149	883196	41.633	ng	96
81) Benzo(a)anthracene	21.339	228	2085821	39.800	ng	99
82) 3,3'-Dichlorobenzidine	21.268	252	733636	40.761	ng	98
83) Chrysene	21.392	228	2028797	40.505	ng	99
84) Bis(2-ethylhexyl)phtha...	21.263	149	1242036	40.724	ng	97
85) Di-n-octyl phthalate	22.186	149	2122900	40.884	ng	99
87) Indeno(1,2,3-cd)pyrene	26.303	276	2863086	44.601	ng	99
88) Benzo(b)fluoranthene	23.033	252	2232966	41.830	ng	99
89) Benzo(k)fluoranthene	23.080	252	2141452	39.621	ng	99
90) Benzo(a)pyrene	23.668	252	2205445	48.629	ng	99
91) Dibenzo(a,h)anthracene	26.321	278	2423087	45.042	ng	98
92) Benzo(g,h,i)perylene	27.086	276	2426524	46.221	ng	98

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

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