

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061021\
 Data File : BP005836.D
 Acq On : 10 Jun 2021 14:11
 Operator : CG/JU
 Sample : M2637-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B12(230-234)MSD

Manual Integrations
 APPROVED

mohammad
 6/11/2021 2:12:28 PM

Quant Time: Jun 10 14:52:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 09 11:54:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.952	152	75814	20.000	ng	0.00
21) Naphthalene-d8	10.758	136	279789	20.000	ng	0.00
39) Acenaphthene-d10	14.581	164	166039	20.000	ng	0.00
64) Phenanthrene-d10	17.322	188	329519	20.000	ng	0.00
76) Chrysene-d12	21.392	240	369715	20.000	ng	0.00
86) Perylene-d12	23.816	264	461365	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.517	112	625277	132.342	ng	0.00
7) Phenol-d6	7.122	99	747451	122.055	ng	0.00
23) Nitrobenzene-d5	9.116	82	468886	82.162	ng	0.00
42) 2,4,6-Tribromophenol	16.069	330	372576	130.758	ng	0.00
45) 2-Fluorobiphenyl	13.210	172	981632	77.633	ng	0.00
79) Terphenyl-d14	19.869	244	1486530	75.288	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	70387	32.975	ng	99
3) Pyridine	3.793	79	183924	36.661	ng	99
4) n-Nitrosodimethylamine	3.699	42	93922	40.276	ng	95
6) Aniline	7.275	93	269352	39.397	ng	99
8) 2-Chlorophenol	7.516	128	241080	44.503	ng	97
9) Benzaldehyde	7.087	77	158742	60.806	ng	99
10) Phenol	7.146	94	273940	44.779	ng	99
11) bis(2-Chloroethyl)ether	7.375	93	203401	43.877	ng	98
12) 1,3-Dichlorobenzene	7.840	146	257590	42.525	ng	99
13) 1,4-Dichlorobenzene	7.987	146	262710	42.528	ng	98
14) 1,2-Dichlorobenzene	8.305	146	251213	42.544	ng	98
15) Benzyl Alcohol	8.193	79	203700	44.162	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.487	45	166482	38.850	ng	97
17) 2-Methylphenol	8.399	107	184465	44.255	ng	99
18) Hexachloroethane	9.034	117	96110	43.012	ng	94
19) n-Nitroso-di-n-propyla...	8.763	70	152597	40.505	ng	96
20) 3+4-Methylphenols	8.728	107	246179	43.723	ng	99
22) Acetophenone	8.781	105	321295	43.629	ng	99
24) Nitrobenzene	9.158	77	240037	40.506	ng	99
25) Isophorone	9.687	82	401687	38.115	ng	98
26) 2-Nitrophenol	9.869	139	125171	44.269	ng	96
27) 2,4-Dimethylphenol	9.934	122	194839	46.254	ng	96
28) bis(2-Chloroethoxy)met...	10.169	93	246754	44.862	ng	98
29) 2,4-Dichlorophenol	10.405	162	216528	42.773	ng	99
30) 1,2,4-Trichlorobenzene	10.622	180	233296	41.015	ng	98
31) Naphthalene	10.810	128	660852	40.822	ng	100
32) Benzoic acid	10.093	122	134706	43.381	ng	96
33) 4-Chloroaniline	10.922	127	120751	18.464	ng	99
34) Hexachlorobutadiene	11.093	225	157741	41.000	ng	99
35) Caprolactam	11.716	113	64180	44.015	ng	94
36) 4-Chloro-3-methylphenol	12.040	107	218478	42.505	ng	96
37) 2-Methylnaphthalene	12.410	142	468516	40.649	ng	98
38) 1-Methylnaphthalene	12.634	142	430245	39.630	ng	97
40) 1,2,4,5-Tetrachloroben...	12.781	216	252610	43.222	ng	98
41) Hexachlorocyclopentadiene	12.757	237	311594	104.314	ng	98
43) 2,4,6-Trichlorophenol	13.022	196	170326	42.489	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061021\
 Data File : BP005836.D
 Acq On : 10 Jun 2021 14:11
 Operator : CG/JU
 Sample : M2637-01MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 18-B12(230-234)MSD

Manual Integrations
 APPROVED

mohammad
 6/11/2021 2:12:28 PM

Quant Time: Jun 10 14:52:39 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 09 11:54:55 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.093	196	184518	42.740	ng	97
46) 1,1'-Biphenyl	13.416	154	573394	42.831	ng	100
47) 2-Chloronaphthalene	13.457	162	457185	41.821	ng	96
48) 2-Nitroaniline	13.663	65	123948	43.123	ng	96
49) Acenaphthylene	14.304	152	710602	42.370	ng	100
50) Dimethylphthalate	14.040	163	768750	56.311	ng	100
51) 2,6-Dinitrotoluene	14.157	165	126287	40.699	ng	94
52) Acenaphthene	14.640	154	413986	40.647	ng	100
53) 3-Nitroaniline	14.487	138	83212	27.669	ng	97
54) 2,4-Dinitrophenol	14.698	184	154720	83.606	ng	97
55) Dibenzofuran	14.975	168	664516	39.674	ng	99
56) 4-Nitrophenol	14.798	139	212940	87.355	ng	98
57) 2,4-Dinitrotoluene	14.946	165	172821	41.643	ng	99
58) Fluorene	15.622	166	528616	40.506	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.204	232	155792m	40.945	ng	
60) Diethylphthalate	15.398	149	581726	42.471	ng	99
61) 4-Chlorophenyl-phenyle...	15.616	204	275976	40.781	ng	95
62) 4-Nitroaniline	15.645	138	128887	41.638	ng	93
63) Azobenzene	15.910	77	490273	39.565	ng	96
65) 4,6-Dinitro-2-methylph...	15.710	198	98861	40.826	ng	97
66) n-Nitrosodiphenylamine	15.834	169	469293	42.947	ng	99
67) 4-Bromophenyl-phenylether	16.510	248	180478	42.672	ng	95
68) Hexachlorobenzene	16.628	284	215594	42.527	ng	98
69) Atrazine	16.787	200	179090	52.678	ng	98
70) Pentachlorophenol	16.975	266	270176	95.847	ng	99
71) Phenanthrene	17.369	178	831457	42.016	ng	100
72) Anthracene	17.457	178	849114	43.598	ng	99
73) Carbazole	17.728	167	760676	40.680	ng	99
74) Di-n-butylphthalate	18.275	149	991050	45.745	ng	99
75) Fluoranthene	19.328	202	994545	41.384	ng	99
77) Benzidine	19.504	184	585313	76.084	ng	100
78) Pyrene	19.675	202	1025996	39.751	ng	99
80) Butylbenzylphthalate	20.539	149	468585	44.128	ng	98
81) Benzo(a)anthracene	21.380	228	1079656	40.455	ng	100
82) 3,3'-Dichlorobenzidine	21.310	252	330675	35.838	ng	97
83) Chrysene	21.433	228	1055504	40.833	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	714872	45.904	ng	100
85) Di-n-octyl phthalate	22.222	149	1322582	47.473	ng	99
87) Indeno(1,2,3-cd)pyrene	26.374	276	1710294	43.349	ng	99
88) Benzo(b)fluoranthene	23.075	252	1276144	40.385	ng	99
89) Benzo(k)fluoranthene	23.127	252	1274337	41.589	ng	100
90) Benzo(a)pyrene	23.716	252	1292837	43.518	ng	99
91) Dibenzo(a,h)anthracene	26.386	278	1456965	42.905	ng	99
92) Benzo(g,h,i)perylene	27.157	276	1455352	43.385	ng	98

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

