

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061821\
 Data File : BP005976.D
 Acq On : 18 Jun 2021 17:42
 Operator : CG/JU
 Sample : M2709-06MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 0224-COMP-O(DISCRETE-CL-24)M

Manual Integrations
 APPROVED

mohammad
 6/21/2021 11:21:11 AM

Quant Time: Jun 18 18:49:52 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 16 11:35:30 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	62778	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	240308	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	151294	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	306800	20.000	ng	0.00
76) Chrysene-d12	21.375	240	381985	20.000	ng	0.00
86) Perylene-d12	23.780	264	442152	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	430424	110.018	ng	0.00
7) Phenol-d6	7.099	99	506509	99.885	ng	0.00
23) Nitrobenzene-d5	9.093	82	315471	64.362	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	272159	104.825	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	741701	64.375	ng	0.00
79) Terphenyl-d14	19.845	244	1304345	63.939	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	69398	39.263	ng	99
3) Pyridine	3.775	79	172948	41.632	ng	97
4) n-Nitrosodimethylamine	3.687	42	82169	42.553	ng	84
6) Aniline	7.252	93	209030	36.922	ng	98
8) 2-Chlorophenol	7.493	128	221228	49.318	ng	99
9) Benzaldehyde	7.063	77	131379	60.775	ng	94
10) Phenol	7.128	94	261246	51.572	ng	97
11) bis(2-Chloroethyl)ether	7.352	93	190087	49.519	ng	98
12) 1,3-Dichlorobenzene	7.816	146	236892	47.229	ng	98
13) 1,4-Dichlorobenzene	7.963	146	243465	47.596	ng	99
14) 1,2-Dichlorobenzene	8.281	146	233292	47.714	ng	98
15) Benzyl Alcohol	8.175	79	185798	48.645	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.458	45	164857	46.459	ng	99
17) 2-Methylphenol	8.381	107	172523	49.985	ng	98
18) Hexachloroethane	9.005	117	87524	47.303	ng	94
19) n-Nitroso-di-n-propyla...	8.740	70	146046	46.816	ng	96
20) 3+4-Methylphenols	8.705	107	233124	50.002	ng	95
22) Acetophenone	8.758	105	305433	48.289	ng	# 98
24) Nitrobenzene	9.134	77	220856	43.392	ng	99
25) Isophorone	9.663	82	385732	42.614	ng	99
26) 2-Nitrophenol	9.846	139	114812	47.277	ng	94
27) 2,4-Dimethylphenol	9.910	122	195310	53.984	ng	97
28) bis(2-Chloroethoxy)met...	10.140	93	239441	50.685	ng	98
29) 2,4-Dichlorophenol	10.387	162	204740	47.089	ng	98
30) 1,2,4-Trichlorobenzene	10.593	180	217880	44.598	ng	100
31) Naphthalene	10.781	128	640652	46.076	ng	99
32) Benzoic acid	10.081	122	131061	48.303	ng	98
33) 4-Chloroaniline	10.899	127	107996	19.227	ng	99
34) Hexachlorobutadiene	11.063	225	148653	44.986	ng	99
35) Caprolactam	11.699	113	64864m	51.793	ng	
36) 4-Chloro-3-methylphenol	12.028	107	218935	49.591	ng	99
37) 2-Methylnaphthalene	12.387	142	461211	46.589	ng	99
38) 1-Methylnaphthalene	12.604	142	428041	45.904	ng	99
40) 1,2,4,5-Tetrachloroben...	12.757	216	247803	46.532	ng	99
41) Hexachlorocyclopentadiene	12.734	237	272280	100.262	ng	97
43) 2,4,6-Trichlorophenol	12.998	196	166664	45.627	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	182018	46.270	ng	95
46) 1,1'-Biphenyl	13.393	154	568412	46.597	ng	99
47) 2-Chloronaphthalene	13.434	162	452806	45.457	ng	98
48) 2-Nitroaniline	13.645	65	124579	47.566	ng	96
49) Acenaphthylene	14.281	152	723969	47.374	ng	99
50) Dimethylphthalate	14.016	163	690786	55.532	ng	100
51) 2,6-Dinitrotoluene	14.140	165	128935	45.602	ng	98
52) Acenaphthene	14.622	154	423187	45.599	ng	99
53) 3-Nitroaniline	14.469	138	72269	26.373	ng	98
54) 2,4-Dinitrophenol	14.681	184	148007	87.531	ng	97
55) Dibenzofuran	14.951	168	677242	44.374	ng	99
56) 4-Nitrophenol	14.787	139	215392	96.972	ng	95
57) 2,4-Dinitrotoluene	14.928	165	179646	47.506	ng	95
58) Fluorene	15.598	166	545852	45.903	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.181	232	164587m	47.472	ng	
60) Diethylphthalate	15.375	149	592982	47.512	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	279765	45.370	ng	97
62) 4-Nitroaniline	15.634	138	134783	47.786	ng	92
63) Azobenzene	15.887	77	505391	44.759	ng	96
65) 4,6-Dinitro-2-methylph...	15.687	198	100919	44.762	ng	96
66) n-Nitrosodiphenylamine	15.810	169	486099	47.779	ng	99
67) 4-Bromophenyl-phenylether	16.487	248	184281	46.798	ng	98
68) Hexachlorobenzene	16.604	284	224060	47.470	ng	97
69) Atrazine	16.763	200	188412	59.524	ng	99
70) Pentachlorophenol	16.951	266	285719	108.866	ng	99
71) Phenanthrene	17.345	178	884605	48.012	ng	99
72) Anthracene	17.434	178	907578	50.050	ng	99
73) Carbazole	17.704	167	840028	48.251	ng	99
74) Di-n-butylphthalate	18.251	149	1037468	51.434	ng	99
75) Fluoranthene	19.304	202	1115475	49.853	ng	99
77) Benzidine	19.480	184	652475	82.089	ng	99
78) Pyrene	19.657	202	1168025	43.800	ng	99
80) Butylbenzylphthalate	20.522	149	510927	46.570	ng	95
81) Benzo(a)anthracene	21.357	228	1239329	44.946	ng	99
82) 3,3'-Dichlorobenzidine	21.286	252	322375	33.817	ng	98
83) Chrysene	21.410	228	1241754	46.495	ng	100
84) Bis(2-ethylhexyl)phtha...	21.275	149	751948	46.733	ng	98
85) Di-n-octyl phthalate	22.192	149	1360115	47.252	ng	99
87) Indeno(1,2,3-cd)pyrene	26.327	276	1792525	47.408	ng	99
88) Benzo(b)fluoranthene	23.045	252	1432537	47.304	ng	99
89) Benzo(k)fluoranthene	23.092	252	1401201	47.716	ng	99
90) Benzo(a)pyrene	23.674	252	1405579	49.369	ng	98
91) Dibenzo(a,h)anthracene	26.333	278	1536463	47.213	ng	98
92) Benzo(g,h,i)perylene	27.104	276	1524980	47.436	ng	99

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

