

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061821\
 Data File : BP005977.D
 Acq On : 18 Jun 2021 18:16
 Operator : CG/JU
 Sample : M2709-06MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 6/21/2021 11:21:13 AM

Quant Time: Jun 18 18:50:33 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	64052	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	242969	20.000	ng	0.00
39) Acenaphthene-d10	14.557	164	150841	20.000	ng	0.00
64) Phenanthrene-d10	17.298	188	317129	20.000	ng	0.00
76) Chrysene-d12	21.374	240	392023	20.000	ng	0.00
86) Perylene-d12	23.780	264	453675	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	434821	108.931	ng	0.00
7) Phenol-d6	7.099	99	520470	100.597	ng	0.00
23) Nitrobenzene-d5	9.093	82	324468	65.472	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	278849	107.724	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	754756	65.705	ng	0.00
79) Terphenyl-d14	19.845	244	1337797	63.900	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.364	88	70196	38.925	ng	98
3) Pyridine	3.775	79	172636	40.730	ng	99
4) n-Nitrosodimethylamine	3.681	42	81416	41.324	ng	88
6) Aniline	7.252	93	217766	37.701	ng	99
8) 2-Chlorophenol	7.493	128	226995	49.597	ng	100
9) Benzaldehyde	7.063	77	132488	60.069	ng	98
10) Phenol	7.128	94	264217	51.121	ng	98
11) bis(2-Chloroethyl)ether	7.352	93	192053	49.036	ng	98
12) 1,3-Dichlorobenzene	7.816	146	241472	47.185	ng	99
13) 1,4-Dichlorobenzene	7.963	146	249136	47.736	ng	99
14) 1,2-Dichlorobenzene	8.281	146	238325	47.773	ng	99
15) Benzyl Alcohol	8.175	79	189377	48.596	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.457	45	167705	46.322	ng	98
17) 2-Methylphenol	8.381	107	177071	50.282	ng	98
18) Hexachloroethane	9.005	117	89384	47.348	ng	98
19) n-Nitroso-di-n-propyla...	8.740	70	146811	46.125	ng	96
20) 3+4-Methylphenols	8.710	107	234258	49.246	ng	99
22) Acetophenone	8.757	105	308762	48.281	ng	# 97
24) Nitrobenzene	9.134	77	223991	43.526	ng	99
25) Isophorone	9.663	82	394942	43.154	ng	99
26) 2-Nitrophenol	9.846	139	117107	47.694	ng	95
27) 2,4-Dimethylphenol	9.910	122	196868	53.818	ng	99
28) bis(2-Chloroethoxy)met...	10.140	93	240568	50.366	ng	97
29) 2,4-Dichlorophenol	10.387	162	206612	47.000	ng	99
30) 1,2,4-Trichlorobenzene	10.593	180	225093	45.570	ng	99
31) Naphthalene	10.781	128	647353	46.048	ng	99
32) Benzoic acid	10.081	122	135636	49.293	ng	98
33) 4-Chloroaniline	10.899	127	105972	18.660	ng	98
34) Hexachlorobutadiene	11.063	225	147270	44.079	ng	99
35) Caprolactam	11.698	113	67446m	53.265	ng	
36) 4-Chloro-3-methylphenol	12.022	107	222546	49.857	ng	96
37) 2-Methylnaphthalene	12.387	142	463874	46.345	ng	99
38) 1-Methylnaphthalene	12.604	142	430507	45.663	ng	100
40) 1,2,4,5-Tetrachloroben...	12.757	216	254114	47.860	ng	99
41) Hexachlorocyclopentadiene	12.734	237	270432	99.902	ng	98
43) 2,4,6-Trichlorophenol	12.998	196	170725	46.879	ng	97

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44) 2,4,5-Trichlorophenol	13.075	196	186255	47.489	ng	98
46) 1,1'-Biphenyl	13.393	154	574211	47.213	ng	100
47) 2-Chloronaphthalene	13.434	162	458872	46.205	ng	98
48) 2-Nitroaniline	13.645	65	126962	48.622	ng	95
49) Acenaphthylene	14.281	152	731813	48.031	ng	99
50) Dimethylphthalate	14.016	163	697022	56.201	ng	100
51) 2,6-Dinitrotoluene	14.134	165	132656	47.059	ng	99
52) Acenaphthene	14.616	154	426578	46.103	ng	99
53) 3-Nitroaniline	14.469	138	75479	27.627	ng	99
54) 2,4-Dinitrophenol	14.681	184	154182	91.240	ng	96
55) Dibenzofuran	14.951	168	686255	45.100	ng	98
56) 4-Nitrophenol	14.787	139	223836	101.076	ng	94
57) 2,4-Dinitrotoluene	14.922	165	185745	49.266	ng	99
58) Fluorene	15.598	166	558458	47.104	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.181	232	167171m	48.362	ng	
60) Diethylphthalate	15.375	149	602370	48.410	ng	99
61) 4-Chlorophenyl-phenyle...	15.592	204	285354	46.416	ng	99
62) 4-Nitroaniline	15.628	138	138309	49.183	ng	96
63) Azobenzene	15.886	77	511433	45.431	ng	96
65) 4,6-Dinitro-2-methylph...	15.687	198	105443	45.245	ng	98
66) n-Nitrosodiphenylamine	15.810	169	497172	47.276	ng	98
67) 4-Bromophenyl-phenylether	16.486	248	188278	46.255	ng	97
68) Hexachlorobenzene	16.604	284	232618	47.678	ng	99
69) Atrazine	16.763	200	191886	58.647	ng	99
70) Pentachlorophenol	16.951	266	294068	108.398	ng	99
71) Phenanthrene	17.345	178	896967	47.097	ng	99
72) Anthracene	17.433	178	927757	49.497	ng	100
73) Carbazole	17.704	167	858754	47.720	ng	100
74) Di-n-butylphthalate	18.251	149	1072984	51.462	ng	99
75) Fluoranthene	19.304	202	1144460	49.482	ng	99
77) Benzidine	19.480	184	676614	82.947	ng	99
78) Pyrene	19.657	202	1202757	43.948	ng	99
80) Butylbenzylphthalate	20.522	149	526491	46.760	ng	97
81) Benzo(a)anthracene	21.357	228	1286291	45.455	ng	99
82) 3,3'-Dichlorobenzidine	21.286	252	335033	34.245	ng	99
83) Chrysene	21.410	228	1261471	46.024	ng	100
84) Bis(2-ethylhexyl)phtha...	21.274	149	782671	47.397	ng	100
85) Di-n-octyl phthalate	22.198	149	1394555	47.208	ng	99
87) Indeno(1,2,3-cd)pyrene	26.327	276	1838094	47.378	ng	99
88) Benzo(b)fluoranthene	23.045	252	1460763	47.011	ng	99
89) Benzo(k)fluoranthene	23.092	252	1446997	48.024	ng	99
90) Benzo(a)pyrene	23.680	252	1445545	49.483	ng	98
91) Dibenzo(a,h)anthracene	26.339	278	1573766	47.131	ng	99
92) Benzo(g,h,i)perylene	27.104	276	1561599	47.341	ng	99

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

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