Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081821\
Data File : BP006747.D
Acq On : 18 Aug 2021 16:23
Operator : CG/JU
Sample : M3394-04MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SWCS-01-0205MS

Manual Integrations APPROVED
mohammad
8/19/2021 1:27:33 PM

Quant Time: Aug 18 18:22:40 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	7.705	152	162994	20.000	ng		0.00
21) Naphthalene-d8	10.487	136	675977	20.000	ng	#	0.00
39) Acenaphthene-d10	14.345	164	376408	20.000	ng		0.00
64) Phenanthrene-d10	17.104	188	752532	20.000	ng	#	0.00
76) Chrysene-d12	21.216	240	723596	20.000	ng	#	0.00
86) Perylene-d12	23.527	264	781833	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.305	112	872477	82.216	ng		0.00
7) Phenol-d6	6.893	99	1124131	74.572	ng		0.00
23) Nitrobenzene-d5	8.863	82	773511	52.817	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	345851	87.916	ng		0.00
45) 2-Fluorobiphenyl	12.969	172	1390138	55.255	ng		0.00
79) Terphenyl-d14	19.686	244	2045539	56.645	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	196219	42.471	ng		95
3) Pyridine	3.634	79	481227	35.439	ng		97
4) n-Nitrosodimethylamine	3.552	42	193627	37.780	ng	#	75
6) Aniline	7.040	93	522712	31.922	ng		96
8) 2-Chlorophenol	7.269	128	516283	44.964	ng		93
9) Benzaldehyde	6.852	77	368226	40.585	ng		93
10) Phenol	6.916	94	644830	42.660	ng		99
11) bis(2-Chloroethyl)ether	7.140	93	488764	42.584	ng		94
12) 1,3-Dichlorobenzene	7.587	146	551282	46.067	ng		97
13) 1,4-Dichlorobenzene	7.740	146	556275	45.802	ng		98
14) 1,2-Dichlorobenzene	8.046	146	530595	45.529	ng		96
15) Benzyl Alcohol	7.952	79	478585	42.335	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.240	45	541167	39.623	ng		94
17) 2-Methylphenol	8.158	107	427071	44.744	ng		99
18) Hexachloroethane	8.769	117	223717	46.538	ng		89
19) n-Nitroso-di-n-propyla...	8.516	70	399249	39.477	ng		95
20) 3+4-Methylphenols	8.487	107	573431	44.139	ng		99
22) Acetophenone	8.528	105	786178	43.856	ng	#	98
24) Nitrobenzene	8.905	77	618858	40.651	ng		92
25) Isophorone	9.434	82	1048629	39.865	ng		95
26) 2-Nitrophenol	9.610	139	263211	47.509	ng		93
27) 2,4-Dimethylphenol	9.681	122	453370	48.868	ng		96
28) bis(2-Chloroethoxy)met...	9.916	93	625415	44.437	ng		98
29) 2,4-Dichlorophenol	10.146	162	427480	45.511	ng		96
30) 1,2,4-Trichlorobenzene	10.352	180	448906	44.477	ng		97
31) Naphthalene	10.534	128	1556223	42.844	ng		99
32) Benzoic acid	9.846	122	350022	48.769	ng		92
33) 4-Chloroaniline	10.657	127	252438	17.174	ng		95
34) Hexachlorobutadiene	10.816	225	268916	45.722	ng		98
35) Caprolactam	11.469	113	156054m	46.076	ng		
36) 4-Chloro-3-methylphenol	11.799	107	530584	44.460	ng		91
37) 2-Methylnaphthalene	12.157	142	1061541	43.128	ng		99
38) 1-Methylnaphthalene	12.375	142	980649	41.925	ng		98
40) 1,2,4,5-Tetrachloroben...	12.528	216	456634	46.351	ng	#	95
41) Hexachlorocyclopentadiene	12.499	237	347573	66.520	ng		98
43) 2,4,6-Trichlorophenol	12.775	196	319403	47.482	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.846	196	351569	47.215	ng	#	89
46) 1,1'-Biphenyl	13.181	154	1241066	43.561	ng		97
47) 2-Chloronaphthalene	13.216	162	974124	44.399	ng		94
48) 2-Nitroaniline	13.434	65	351421	45.387	ng		88
49) Acenaphthylene	14.069	152	1614963	45.650	ng		99
50) Dimethylphthalate	13.822	163	1189986	43.431	ng		99
51) 2,6-Dinitrotoluene	13.940	165	262793	42.982	ng	#	81
52) Acenaphthene	14.410	154	936553	43.499	ng		99
53) 3-Nitroaniline	14.263	138	165631	24.437	ng	#	78
54) 2,4-Dinitrophenol	14.481	184	128137	40.077	ng	#	85
55) Dibenzofuran	14.751	168	1452361	42.885	ng		94
56) 4-Nitrophenol	14.593	139	551197	93.655	ng		87
57) 2,4-Dinitrotoluene	14.728	165	374383	45.660	ng	#	78
58) Fluorene	15.398	166	1189234	43.933	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.981	232	293257	46.996	ng	#	73
60) Diethylphthalate	15.192	149	1293330	44.941	ng		97
61) 4-Chlorophenyl-phenyle...	15.404	204	547644	44.674	ng		91
62) 4-Nitroaniline	15.434	138	267347m	37.171	ng		
63) Azobenzene	15.692	77	1431934	42.678	ng		92
65) 4,6-Dinitro-2-methylph...	15.492	198	86746	18.866	ng		71
66) n-Nitrosodiphenylamine	15.622	169	1010934	42.740	ng		98
67) 4-Bromophenyl-phenylether	16.298	248	327499	45.357	ng	#	87
68) Hexachlorobenzene	16.404	284	370896	45.139	ng	#	87
69) Atrazine	16.587	200	361605	48.992	ng		94
70) Pentachlorophenol	16.757	266	508125	97.466	ng		100
71) Phenanthrene	17.151	178	1844045	43.443	ng		99
72) Anthracene	17.239	178	1891833	46.124	ng		100
73) Carbazole	17.522	167	1752044	41.878	ng		98
74) Di-n-butylphthalate	18.086	149	2315533	48.580	ng		99
75) Fluoranthene	19.128	202	2091638	43.902	ng		95
77) Benzidine	19.322	184	1907026	105.321	ng		99
78) Pyrene	19.480	202	2146161	44.404	ng		99
80) Butylbenzylphthalate	20.375	149	1081052	50.865	ng		91
81) Benzo(a)anthracene	21.198	228	2037328	43.082	ng		100
82) 3,3'-Dichlorobenzidine	21.139	252	765738	61.679	ng	#	97
83) Chrysene	21.251	228	1991024	43.429	ng		99
84) Bis(2-ethylhexyl)phtha...	21.139	149	1605280	50.262	ng	#	97
85) Di-n-octyl phthalate	22.039	149	2809459	53.369	ng	#	96
87) Indeno(1,2,3-cd)pyrene	25.927	276	2557713	45.117	ng	#	91
88) Benzo(b)fluoranthene	22.827	252	2165599	42.619	ng	#	96
89) Benzo(k)fluoranthene	22.874	252	2064932	42.326	ng	#	97
90) Benzo(a)pyrene	23.427	252	2101137	46.101	ng	#	95
91) Dibenzo(a,h)anthracene	25.945	278	2191881	44.718	ng	#	94
92) Benzo(g,h,i)perylene	26.662	276	2139615	45.552	ng	#	91

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

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