Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061421\
Data File : BP005911.D
Acq On : 14 Jun 2021 18:04
Operator : CG/JU
Sample : M2625-21MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
18-B12(138-142)MSD

Manual Integrations APPROVED
mohammad
6/15/2021 2:39:54 PM

Quant Time: Jun 15 04:16:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 14 13:15:03 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.940	152	72469	20.000	ng		0.00
21) Naphthalene-d8	10.740	136	276671	20.000	ng		0.00
39) Acenaphthene-d10	14.563	164	165390	20.000	ng		0.00
64) Phenanthrene-d10	17.310	188	346617	20.000	ng		0.00
76) Chrysene-d12	21.380	240	409106	20.000	ng		0.00
86) Perylene-d12	23.792	264	469461	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.511	112	608689	134.778	ng		0.00
7) Phenol-d6	7.117	99	647997	110.698	ng		0.00
23) Nitrobenzene-d5	9.105	82	492159	87.212	ng		0.00
42) 2,4,6-Tribromophenol	16.051	330	412172	145.222	ng		0.00
45) 2-Fluorobiphenyl	13.193	172	1089835	86.529	ng		0.00
79) Terphenyl-d14	19.857	244	1937848	88.696	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	81544	39.965	ng	#	45
3) Pyridine	3.799	79	161938	33.769	ng		96
4) n-Nitrosodimethylamine	3.699	42	93243	41.830	ng		88
6) Aniline	7.264	93	165709	25.356	ng		99
8) 2-Chlorophenol	7.505	128	256820	49.597	ng		98
9) Benzaldehyde	7.075	77	125895	50.450	ng		98
10) Phenol	7.140	94	250450	42.829	ng		98
11) bis(2-Chloroethyl)ether	7.364	93	220563	49.775	ng		99
12) 1,3-Dichlorobenzene	7.828	146	260421	44.977	ng		98
13) 1,4-Dichlorobenzene	7.975	146	268157	45.413	ng		99
14) 1,2-Dichlorobenzene	8.293	146	257857	45.685	ng		98
15) Benzyl Alcohol	8.181	79	222481	50.460	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.469	45	182815	44.630	ng		98
17) 2-Methylphenol	8.393	107	192716	48.369	ng		98
18) Hexachloroethane	9.016	117	96858	45.348	ng		98
19) n-Nitroso-di-n-propyla...	8.752	70	168396	46.762	ng		95
20) 3+4-Methylphenols	8.722	107	258305	47.995	ng		97
22) Acetophenone	8.769	105	362776	49.817	ng	#	97
24) Nitrobenzene	9.146	77	262646	44.820	ng		98
25) Isophorone	9.675	82	447852	42.974	ng		99
26) 2-Nitrophenol	9.858	139	134768	48.200	ng		94
27) 2,4-Dimethylphenol	9.922	122	215736	51.792	ng		100
28) bis(2-Chloroethoxy)met...	10.152	93	275174	50.593	ng		100
29) 2,4-Dichlorophenol	10.399	162	235779	47.101	ng		98
30) 1,2,4-Trichlorobenzene	10.605	180	253154	45.008	ng		98
31) Naphthalene	10.793	128	735879	45.969	ng		99
32) Benzoic acid	10.081	122	108543	36.520	ng		96
33) 4-Chloroaniline	10.910	127	49873	7.712	ng		97
34) Hexachlorobutadiene	11.075	225	164351	43.199	ng		100
35) Caprolactam	11.710	113	54489m	37.790	ng		
36) 4-Chloro-3-methylphenol	12.034	107	250253	49.235	ng		95
37) 2-Methylnaphthalene	12.399	142	525020	46.065	ng		99
38) 1-Methylnaphthalene	12.616	142	484756	45.154	ng		100
40) 1,2,4,5-Tetrachloroben...	12.763	216	281197	48.302	ng		99
41) Hexachlorocyclopentadiene	12.746	237	296693	99.958	ng		95
43) 2,4,6-Trichlorophenol	13.004	196	190338	47.667	ng		96

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.081	196	208403	48.462	ng	98
46)	1,1'-Biphenyl	13.404	154	644796	48.353	ng	99
47)	2-Chloronaphthalene	13.446	162	515981	47.385	ng	99
48)	2-Nitroaniline	13.651	65	144464	50.458	ng	95
49)	Acenaphthylene	14.287	152	804923	48.182	ng	100
50)	Dimethylphthalate	14.028	163	675574	49.680	ng	100
51)	2,6-Dinitrotoluene	14.146	165	149393	48.335	ng	99
52)	Acenaphthene	14.628	154	476161	46.935	ng	99
53)	3-Nitroaniline	14.475	138	69424	23.175	ng	99
54)	2,4-Dinitrophenol	14.687	184	109860	60.990	ng	96
55)	Dibenzofuran	14.963	168	768811	46.080	ng	98
56)	4-Nitrophenol	14.798	139	217095	89.409	ng	99
57)	2,4-Dinitrotoluene	14.934	165	208454	50.426	ng	98
58)	Fluorene	15.610	166	625238	48.097	ng	100
59)	2,3,4,6-Tetrachlorophenol	15.193	232	178545m	47.109	ng	
60)	Diethylphthalate	15.381	149	690906	50.640	ng	99
61)	4-Chlorophenyl-phenyle...	15.604	204	319432	47.388	ng	97
62)	4-Nitroaniline	15.640	138	146957	47.662	ng	97
63)	Azobenzene	15.898	77	572859	46.411	ng	96
65)	4,6-Dinitro-2-methylph...	15.693	198	90872	35.675	ng	99
66)	n-Nitrosodiphenylamine	15.822	169	552631	48.079	ng	99
67)	4-Bromophenyl-phenylether	16.498	248	212330	47.727	ng	98
68)	Hexachlorobenzene	16.616	284	258395	48.456	ng	97
69)	Atrazine	16.775	200	217116	60.712	ng	99
70)	Pentachlorophenol	16.963	266	305609	103.069	ng	100
71)	Phenanthrene	17.351	178	1004155	48.240	ng	99
72)	Anthracene	17.445	178	1021838	49.878	ng	100
73)	Carbazole	17.716	167	942169	47.901	ng	99
74)	Di-n-butylphthalate	18.257	149	1206165	52.928	ng	100
75)	Fluoranthene	19.310	202	1256078	49.688	ng	98
77)	Benzidine	19.486	184	214864	25.240	ng	99
78)	Pyrene	19.663	202	1309692	45.857	ng	99
80)	Butylbenzylphthalate	20.528	149	593583	50.517	ng	96
81)	Benzo(a)anthracene	21.363	228	1404288	47.552	ng	100
82)	3,3'-Dichlorobenzidine	21.292	252	338347	33.139	ng	98
83)	Chrysene	21.416	228	1375662	48.095	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.280	149	893564	51.853	ng	100
85)	Di-n-octyl phthalate	22.204	149	1611877	52.286	ng	98
87)	Indeno(1,2,3-cd)pyrene	26.339	276	2014776	50.186	ng	99
88)	Benzo(b)fluoranthene	23.057	252	1649501	51.300	ng	100
89)	Benzo(k)fluoranthene	23.104	252	1526663	48.964	ng	99
90)	Benzo(a)pyrene	23.686	252	1562956	51.703	ng	98
91)	Dibenzo(a,h)anthracene	26.351	278	1725071	49.925	ng	99
92)	Benzo(g,h,i)perylene	27.121	276	1705290	49.959	ng	98

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

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