Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042321\
Data File : BP005391.D
Acq On : 23 Apr 2021 13:43
Operator : CG/JU
Sample : M2107-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SB-29-9.5-10.0MSD

Manual Integrations APPROVED
mohammad
4/26/2021 11:37:11 AM

Quant Time: Apr 23 14:16:22 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 21 17:40:15 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.634	152	21910	20.00	ng		#-0.01
21) Naphthalene-d8	10.422	136	76176	20.00	ng		#-0.01
39) Acenaphthene-d10	14.304	164	52199	20.00	ng		0.00
64) Phenanthrene-d10	17.075	188	125296	20.00	ng		0.00
76) Chrysene-d12	21.180	240	190094	20.00	ng		0.00
86) Perylene-d12	23.439	264	207707	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.240	112	187016	148.27	ng		0.00
7) Phenol-d6	6.828	99	240019	138.11	ng		0.00
23) Nitrobenzene-d5	8.799	82	202042	115.36	ng		0.00
42) 2,4,6-Tribromophenol	15.810	330	110858	111.03	ng		0.00
45) 2-Fluorobiphenyl	12.916	172	330976	82.08	ng		0.00
79) Terphenyl-d14	19.651	244	715146	69.71	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.170	88	33574	49.95	ng	#	83
3) Pyridine	3.564	79	87640	60.08	ng	#	81
4) n-Nitrosodimethylamine	3.481	42	60142	79.98	ng	#	14
6) Aniline	6.975	93	70276	37.27	ng	#	69
8) 2-Chlorophenol	7.205	128	64468	49.91	ng	#	68
9) Benzaldehyde	6.787	77	61427	60.44	ng	#	60
10) Phenol	6.852	94	105944	61.12	ng	#	56
11) bis(2-Chloroethyl)ether	7.069	93	72139	57.72	ng		91
12) 1,3-Dichlorobenzene	7.522	146	74378	47.63	ng	#	79
13) 1,4-Dichlorobenzene	7.669	146	75193	47.22	ng	#	89
14) 1,2-Dichlorobenzene	7.981	146	72966	47.91	ng	#	90
15) Benzyl Alcohol	7.887	79	100566	72.56	ng	#	72
16) 2,2'-oxybis(1-Chloropr...	8.169	45	66774	63.66	ng		96
17) 2-Methylphenol	8.093	107	61961m	56.84	ng		
18) Hexachloroethane	8.699	117	35786	58.77	ng		92
19) n-Nitroso-di-n-propyla...	8.446	70	79003	70.00	ng	#	92
20) 3+4-Methylphenols	8.422	107	84299	57.60	ng		85
22) Acetophenone	8.463	105	122564	56.06	ng	#	83
24) Nitrobenzene	8.840	77	119895	63.32	ng	#	83
25) Isophorone	9.363	82	192857	56.92	ng	#	91
26) 2-Nitrophenol	9.552	139	34948	57.34	ng	#	61
27) 2,4-Dimethylphenol	9.616	122	61753	60.08	ng	#	78
28) bis(2-Chloroethoxy)met...	9.852	93	89057	60.85	ng		95
29) 2,4-Dichlorophenol	10.087	162	67286	49.47	ng		92
30) 1,2,4-Trichlorobenzene	10.293	180	78339	43.84	ng		95
31) Naphthalene	10.475	128	186862	46.48	ng		97
32) Benzoic acid	9.799	122	43907	56.31	ng	#	49
33) 4-Chloroaniline	10.604	127	18120	11.88	ng	#	84
34) Hexachlorobutadiene	10.752	225	68474	43.19	ng		94
35) Caprolactam	11.404	113	22717m	59.88	ng		
36) 4-Chloro-3-methylphenol	11.746	107	86444	58.92	ng	#	84
37) 2-Methylnaphthalene	12.098	142	139188	47.29	ng		94
38) 1-Methylnaphthalene	12.322	142	130626	46.45	ng		94
40) 1,2,4,5-Tetrachloroben...	12.475	216	108850	47.90	ng	#	96
41) Hexachlorocyclopentadiene	12.446	237	115097	118.78	ng		99
43) 2,4,6-Trichlorophenol	12.728	196	65816	53.47	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	71913	53.51	ng	#	82
46) 1,1'-Biphenyl	13.128	154	189734	51.07	ng		98
47) 2-Chloronaphthalene	13.169	162	148482	48.54	ng		93
48) 2-Nitroaniline	13.393	65	76474	72.14	ng	#	81
49) Acenaphthylene	14.022	152	242106	54.69	ng		100
50) Dimethylphthalate	13.775	163	218192	57.59	ng		99
51) 2,6-Dinitrotoluene	13.893	165	42779	51.77	ng	#	73
52) Acenaphthene	14.369	154	141225	50.56	ng		97
53) 3-Nitroaniline	14.228	138	16515	23.33	ng		85
54) 2,4-Dinitrophenol	14.445	184	61914	105.17	ng	#	53
55) Dibenzofuran	14.710	168	242901	48.56	ng		95
56) 4-Nitrophenol	14.563	139	67287	106.37	ng	#	54
57) 2,4-Dinitrotoluene	14.692	165	65137	50.30	ng	#	81
58) Fluorene	15.363	166	201873	50.29	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.945	232	70700	50.55	ng	#	91
60) Diethylphthalate	15.145	149	215208	60.18	ng		99
61) 4-Chlorophenyl-phenyle...	15.357	204	125985	48.92	ng		95
62) 4-Nitroaniline	15.404	138	35136	47.25	ng	#	74
63) Azobenzene	15.657	77	296175	71.07	ng		89
65) 4,6-Dinitro-2-methylph...	15.463	198	42848	52.02	ng	#	66
66) n-Nitrosodiphenylamine	15.581	169	175060	51.13	ng	#	91
67) 4-Bromophenyl-phenylether	16.257	248	81123	47.38	ng	#	86
68) Hexachlorobenzene	16.375	284	87061	43.37	ng	#	85
69) Atrazine	16.545	200	81968	57.36	ng		96
70) Pentachlorophenol	16.728	266	111767	103.53	ng		97
71) Phenanthrene	17.116	178	325361	48.72	ng		99
72) Anthracene	17.204	178	335692	51.62	ng		98
73) Carbazole	17.486	167	290153	49.57	ng		98
74) Di-n-butylphthalate	18.045	149	367974	57.73	ng		96
75) Fluoranthene	19.098	202	457340	49.89	ng		99
77) Benzidine	19.286	184	203178	67.64	ng		100
78) Pyrene	19.451	202	468693	43.97	ng		100
80) Butylbenzylphthalate	20.333	149	179448	74.11	ng	#	77
81) Benzo(a)anthracene	21.163	228	585623	47.88	ng		99
82) 3,3'-Dichlorobenzidine	21.098	252	144083	37.90	ng		99
83) Chrysene	21.216	228	553897	45.46	ng		99
84) Bis(2-ethylhexyl)phtha...	21.092	149	284462	65.47	ng		95
85) Di-n-octyl phthalate	21.963	149	501373	69.41	ng	#	84
87) Indeno(1,2,3-cd)pyrene	25.762	276	784068	49.41	ng		99
88) Benzo(b)fluoranthene	22.757	252	653303	47.77	ng		99
89) Benzo(k)fluoranthene	22.798	252	584654	43.55	ng		99
90) Benzo(a)pyrene	23.339	252	561743	45.05	ng		99
91) Dibenzo(a,h)anthracene	25.768	278	675276	49.14	ng		99
92) Benzo(g,h,i)perylene	26.468	276	613254	47.64	ng		98

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

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