Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100121\
Data File : BP007291.D
Acq On : 01 Oct 2021 15:20
Operator : CG/JU
Sample : M3999-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 01 16:00:38 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 12:49:05 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
229-342MSD

Manual Integrations APPROVED
mohammad
10/4/2021 11:52:58 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	207597	20.00	ng		0.00
21) Naphthalene-d8	10.663	136	828299	20.00	ng	#	0.00
39) Acenaphthene-d10	14.504	164	516200	20.00	ng		0.00
64) Phenanthrene-d10	17.257	188	992839	20.00	ng	#	0.00
76) Chrysene-d12	21.345	240	987781	20.00	ng	#	0.00
86) Perylene-d12	23.757	264	1076939	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.452	112	1467445	118.33	ng		0.00
7) Phenol-d6	7.057	99	1843690	108.77	ng		0.00
23) Nitrobenzene-d5	9.028	82	1076544	75.69	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	760788	113.68	ng		0.00
45) 2-Fluorobiphenyl	13.128	172	2690755	74.68	ng		0.00
79) Terphenyl-d14	19.816	244	3776186	73.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	194965	38.88	ng	#	85
3) Pyridine	3.740	79	451250	32.88	ng	#	85
4) n-Nitrosodimethylamine	3.652	42	226641	48.17	ng	#	84
6) Aniline	7.199	93	439869	23.54	ng		100
8) 2-Chlorophenol	7.434	128	640170	47.50	ng		97
9) Benzaldehyde	7.010	77	375145m	39.29	ng		
10) Phenol	7.081	94	772506	47.27	ng		92
11) bis(2-Chloroethyl)ether	7.293	93	600227	46.53	ng		97
12) 1,3-Dichlorobenzene	7.752	146	681177	44.80	ng		96
13) 1,4-Dichlorobenzene	7.899	146	697787	45.02	ng		98
14) 1,2-Dichlorobenzene	8.216	146	676391	45.03	ng		97
15) Benzyl Alcohol	8.116	79	514514	47.39	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.399	45	649689	43.99	ng		91
17) 2-Methylphenol	8.328	107	523343	47.51	ng		94
18) Hexachloroethane	8.940	117	233176	44.81	ng		96
19) n-Nitroso-di-n-propyla...	8.681	70	396977	43.06	ng		98
20) 3+4-Methylphenols	8.657	107	700124	45.96	ng		95
22) Acetophenone	8.693	105	890595	44.62	ng	#	99
24) Nitrobenzene	9.075	77	623732	46.00	ng		96
25) Isophorone	9.604	82	1106948	44.63	ng		98
26) 2-Nitrophenol	9.781	139	300868	42.55	ng	#	89
27) 2,4-Dimethylphenol	9.851	122	576511	51.78	ng		99
28) bis(2-Chloroethoxy)met...	10.081	93	719709	41.13	ng		99
29) 2,4-Dichlorophenol	10.328	162	609435	46.92	ng		99
30) 1,2,4-Trichlorobenzene	10.528	180	658873	44.53	ng		98
31) Naphthalene	10.716	128	2062380	48.79	ng		100
32) Benzoic acid	10.040	122	465276	54.37	ng		96
33) 4-Chloroaniline	10.840	127	447354	25.61	ng		98
34) Hexachlorobutadiene	10.998	225	402890	45.48	ng		99
35) Caprolactam	11.651	113	192719	48.23	ng	#	68
36) 4-Chloro-3-methylphenol	11.975	107	598348	45.33	ng		97
37) 2-Methylnaphthalene	12.328	142	1469768	49.65	ng		97
38) 1-Methylnaphthalene	12.545	142	1331284	46.03	ng		99
40) 1,2,4,5-Tetrachloroben...	12.698	216	727582	46.03	ng		98
41) Hexachlorocyclopentadiene	12.669	237	301590	34.42	ng		99
43) 2,4,6-Trichlorophenol	12.940	196	499201	46.28	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.022	196	538923	46.40	ng		98
46) 1,1'-Biphenyl	13.334	154	1678156	43.71	ng		100
47) 2-Chloronaphthalene	13.381	162	1335853	44.91	ng		97
48) 2-Nitroaniline	13.592	65	381481	52.61	ng		93
49) Acenaphthylene	14.222	152	2226424	48.60	ng		100
50) Dimethylphthalate	13.963	163	1575158	42.43	ng		99
51) 2,6-Dinitrotoluene	14.087	165	332440	43.84	ng		92
52) Acenaphthene	14.569	154	1301286	46.89	ng		100
53) 3-Nitroaniline	14.416	138	353899	43.16	ng		97
54) 2,4-Dinitrophenol	14.628	184	35090	8.03	ng		93
55) Dibenzofuran	14.898	168	2069712	44.70	ng		96
56) 4-Nitrophenol	14.745	139	618098	92.85	ng		86
57) 2,4-Dinitrotoluene	14.875	165	431983	43.16	ng		93
58) Fluorene	15.551	166	1614037	45.12	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.134	232	445974	43.72	ng	#	96
60) Diethylphthalate	15.328	149	1528889	42.50	ng		97
61) 4-Chlorophenyl-phenyle...	15.545	204	796223	42.12	ng		92
62) 4-Nitroaniline	15.581	138	362282m	43.93	ng		
63) Azobenzene	15.839	77	1285165	41.22	ng		90
65) 4,6-Dinitro-2-methylph...	15.645	198	26726	4.49	ng	#	29
66) n-Nitrosodiphenylamine	15.763	169	1367222	46.28	ng		98
67) 4-Bromophenyl-phenylether	16.439	248	497369	45.71	ng		96
68) Hexachlorobenzene	16.563	284	559763	46.55	ng		98
69) Atrazine	16.722	200	374504	35.97	ng		95
70) Pentachlorophenol	16.910	266	710852	95.18	ng		99
71) Phenanthrene	17.298	178	3514176	66.01	ng		98
72) Anthracene	17.392	178	2803018	53.82	ng		98
73) Carbazole	17.663	167	2270228	44.49	ng		99
74) Di-n-butylphthalate	18.210	149	2532219	44.78	ng		98
75) Fluoranthene	19.269	202	5089114	82.97	ng		97
77) Benzidine	19.451	184	120439	3.97	ng	#	63
78) Pyrene	19.622	202	4921401	75.94	ng		97
80) Butylbenzylphthalate	20.492	149	1171054	45.12	ng		91
81) Benzo(a)anthracene	21.327	228	4186993	65.30	ng		97
82) 3,3'-Dichlorobenzidine	21.263	252	613778	27.87	ng	#	97
83) Chrysene	21.386	228	4007315	65.40	ng		97
84) Bis(2-ethylhexyl)phtha...	21.251	149	1689249	45.27	ng		96
85) Di-n-octyl phthalate	22.174	149	2927079	46.08	ng	#	94
87) Indeno(1,2,3-cd)pyrene	26.304	276	4706501	60.81	ng		97
88) Benzo(b)fluoranthene	23.027	252	5095387	79.17	ng	#	96
89) Benzo(k)fluoranthene	23.074	252	3731050	57.26	ng	#	97
90) Benzo(a)pyrene	23.657	252	4468080	81.71	ng	#	97
91) Dibenzo(a,h)anthracene	26.315	278	3255015	50.19	ng	#	95
92) Benzo(g,h,i)perylene	27.086	276	4081988	64.49	ng	#	95

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

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