Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100121\
Data File : BP007290.D
Acq On : 01 Oct 2021 14:46
Operator : CG/JU
Sample : M3999-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 01 15:59:50 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 :
229-342MS

Manual Integrations APPROVED

mohammad

10/4/2021 11:52:56 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.863	152	204193	20.00	ng		0.00
21) Naphthalene-d8	10.663	136	806144	20.00	ng		# 0.00
39) Acenaphthene-d10	14.498	164	500062	20.00	ng		0.00
64) Phenanthrene-d10	17.257	188	982667	20.00	ng		# 0.00
76) Chrysene-d12	21.345	240	986780	20.00	ng		# 0.00
86) Perylene-d12	23.757	264	1075616	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.452	112	1284176	105.27	ng		0.00
7) Phenol-d6	7.052	99	1600880	96.02	ng		0.00
23) Nitrobenzene-d5	9.028	82	936971	67.69	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	655584	101.12	ng		0.00
45) 2-Fluorobiphenyl	13.122	172	2327347	66.68	ng		0.00
79) Terphenyl-d14	19.816	244	3353391	65.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	173515	35.17	ng	#	88
3) Pyridine	3.740	79	416206	30.83	ng	#	86
4) n-Nitrosodimethylamine	3.646	42	200171	43.26	ng	#	90
6) Aniline	7.199	93	441795	24.04	ng		98
8) 2-Chlorophenol	7.434	128	553161	41.72	ng		98
9) Benzaldehyde	7.005	77	327628m	34.89	ng		
10) Phenol	7.081	94	678205	42.19	ng		90
11) bis(2-Chloroethyl)ether	7.293	93	510487	40.23	ng		96
12) 1,3-Dichlorobenzene	7.752	146	595767	39.84	ng		97
13) 1,4-Dichlorobenzene	7.899	146	613133	40.22	ng		98
14) 1,2-Dichlorobenzene	8.216	146	583509	39.50	ng		97
15) Benzyl Alcohol	8.116	79	444857	41.66	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.393	45	565191	38.90	ng		90
17) 2-Methylphenol	8.322	107	451835	41.70	ng		94
18) Hexachloroethane	8.940	117	208879	40.81	ng		93
19) n-Nitroso-di-n-propyla...	8.675	70	344377	37.98	ng		100
20) 3+4-Methylphenols	8.652	107	605108	40.39	ng		94
22) Acetophenone	8.693	105	776082	39.95	ng		98
24) Nitrobenzene	9.069	77	542103	41.08	ng		98
25) Isophorone	9.605	82	964895	39.97	ng		98
26) 2-Nitrophenol	9.781	139	265201	38.54	ng	#	90
27) 2,4-Dimethylphenol	9.852	122	500162	46.16	ng		97
28) bis(2-Chloroethoxy)met...	10.081	93	613725	36.04	ng		99
29) 2,4-Dichlorophenol	10.328	162	528046	41.78	ng		98
30) 1,2,4-Trichlorobenzene	10.528	180	571903	39.72	ng		99
31) Naphthalene	10.716	128	1783896	43.36	ng		99
32) Benzoic acid	10.028	122	398233	47.82	ng		96
33) 4-Chloroaniline	10.840	127	365316	21.49	ng		99
34) Hexachlorobutadiene	10.999	225	346713	40.21	ng		98
35) Caprolactam	11.652	113	163313	42.00	ng	#	76
36) 4-Chloro-3-methylphenol	11.975	107	516245	40.18	ng		98
37) 2-Methylnaphthalene	12.328	142	1270227	44.09	ng		96
38) 1-Methylnaphthalene	12.546	142	1149361	40.83	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.693	216	632406	41.30	ng		99
41) Hexachlorocyclopentadiene	12.669	237	381992	45.01	ng		100
43) 2,4,6-Trichlorophenol	12.940	196	424915	40.66	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.022	196	457556	40.66	ng		96
46) 1,1'-Biphenyl	13.334	154	1452312	39.05	ng		99
47) 2-Chloronaphthalene	13.375	162	1153240	40.03	ng		98
48) 2-Nitroaniline	13.587	65	322123	45.85	ng		96
49) Acenaphthylene	14.222	152	1923491	43.34	ng		100
50) Dimethylphthalate	13.963	163	1351037	37.56	ng		100
51) 2,6-Dinitrotoluene	14.081	165	295926	40.28	ng		94
52) Acenaphthene	14.563	154	1125453	41.86	ng		99
53) 3-Nitroaniline	14.416	138	292218	36.79	ng		98
54) 2,4-Dinitrophenol	14.628	184	103771	24.52	ng		97
55) Dibenzofuran	14.898	168	1791985	39.95	ng		96
56) 4-Nitrophenol	14.745	139	541957	84.04	ng		84
57) 2,4-Dinitrotoluene	14.875	165	388064	40.03	ng		92
58) Fluorene	15.551	166	1419122	40.95	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.134	232	382437	38.71	ng		96
60) Diethylphthalate	15.322	149	1328422	38.12	ng		98
61) 4-Chlorophenyl-phenyle...	15.545	204	690962	37.73	ng		91
62) 4-Nitroaniline	15.581	138	294339m	36.84	ng		
63) Azobenzene	15.840	77	1128950	37.38	ng		90
65) 4,6-Dinitro-2-methylph...	15.640	198	64730	10.98	ng	#	71
66) n-Nitrosodiphenylamine	15.763	169	1173556	40.14	ng		99
67) 4-Bromophenyl-phenylether	16.439	248	430028	39.93	ng		95
68) Hexachlorobenzene	16.557	284	484823	40.73	ng		100
69) Atrazine	16.722	200	343107	33.29	ng		95
70) Pentachlorophenol	16.910	266	623160	84.30	ng		99
71) Phenanthrene	17.298	178	3098098	58.80	ng		99
72) Anthracene	17.387	178	2472060	47.96	ng		98
73) Carbazole	17.663	167	2012864	39.85	ng		99
74) Di-n-butylphthalate	18.210	149	2253234	40.25	ng		98
75) Fluoranthene	19.269	202	4568589	75.26	ng		98
77) Benzidine	19.445	184	117267	3.87	ng	#	67
78) Pyrene	19.622	202	4400743	67.97	ng		98
80) Butylbenzylphthalate	20.486	149	1050016	40.50	ng		94
81) Benzo(a)anthracene	21.327	228	3825684	59.73	ng		97
82) 3,3'-Dichlorobenzidine	21.257	252	526241	23.92	ng	#	98
83) Chrysene	21.380	228	3657156	59.74	ng		97
84) Bis(2-ethylhexyl)phtha...	21.245	149	1527178	40.97	ng		98
85) Di-n-octyl phthalate	22.169	149	2634254	41.51	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.292	276	4155680	53.76	ng		97
88) Benzo(b)fluoranthene	23.022	252	4448209	69.20	ng	#	96
89) Benzo(k)fluoranthene	23.069	252	3450363	53.01	ng	#	96
90) Benzo(a)pyrene	23.657	252	4032434	73.84	ng	#	98
91) Dibenzo(a,h)anthracene	26.304	278	2902496	44.81	ng	#	96
92) Benzo(g,h,i)perylene	27.074	276	3640043	57.58	ng	#	94

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

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