Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP101321\
Data File : BP007398.D
Acq On : 13 Oct 2021 10:42
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 13 13:14:03 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 13:04:34 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
mohammad
10/14/2021 10:55:56 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.969	152	203106	20.00	ng		0.00
21) Naphthalene-d8	10.775	136	807812	20.00	ng		0.00
39) Acenaphthene-d10	14.604	164	526973	20.00	ng		0.00
64) Phenanthrene-d10	17.357	188	1123885	20.00	ng		0.00
76) Chrysene-d12	21.439	240	1169428	20.00	ng		0.00
86) Perylene-d12	23.898	264	1236243	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	148595	12.06	ng		0.00
7) Phenol-d6	7.116	99	200196	12.10	ng		0.00
23) Nitrobenzene-d5	9.122	82	124132	9.05	ng		0.00
42) 2,4,6-Tribromophenol	16.086	330	57773	6.68	ng		0.00
45) 2-Fluorobiphenyl	13.233	172	429382	11.39	ng		0.00
79) Terphenyl-d14	19.915	244	709538	10.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.422	88	33836	7.14	ng		96
3) Pyridine	3.822	79	87779	6.54	ng		98
4) n-Nitrosodimethylamine	3.728	42	37600	7.50	ng	#	93
6) Aniline	7.287	93	114162	6.22	ng		99
8) 2-Chlorophenol	7.528	128	74985	5.62	ng		99
9) Benzaldehyde	7.098	77	68869	7.19	ng		98
10) Phenol	7.145	94	96077	6.07	ng		98
11) bis(2-Chloroethyl)ether	7.387	93	77829	6.14	ng		98
12) 1,3-Dichlorobenzene	7.857	146	90292	6.00	ng		99
13) 1,4-Dichlorobenzene	8.004	146	92832	6.15	ng		98
14) 1,2-Dichlorobenzene	8.322	146	87920	6.01	ng		98
15) Benzyl Alcohol	8.198	79	69998	6.52	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.498	45	104294	7.15	ng		99
17) 2-Methylphenol	8.404	107	64347	5.89	ng		97
18) Hexachloroethane	9.057	117	31144	6.10	ng		97
19) n-Nitroso-di-n-propyla...	8.775	70	59631	6.35	ng		95
20) 3+4-Methylphenols	8.734	107	84316	5.51	ng		97
22) Acetophenone	8.787	105	121773	6.41	ng	#	98
24) Nitrobenzene	9.163	77	62767	4.85	ng		92
25) Isophorone	9.692	82	157997	6.10	ng		100
26) 2-Nitrophenol	9.881	139	19008	2.63	ng		99
27) 2,4-Dimethylphenol	9.945	122	63820	5.94	ng		98
28) bis(2-Chloroethoxy)met...	10.186	93	104332	6.00	ng		99
29) 2,4-Dichlorophenol	10.416	162	62756	4.86	ng		94
30) 1,2,4-Trichlorobenzene	10.639	180	81912	5.63	ng		99
31) Naphthalene	10.828	128	241066	5.83	ng		100
33) 4-Chloroaniline	10.928	127	102306	5.98	ng		97
34) Hexachlorobutadiene	11.128	225	51432	5.93	ng		96
35) Caprolactam	11.663	113	13278	3.25	ng	#	83
36) 4-Chloro-3-methylphenol	12.045	107	74526	6.17	ng		99
37) 2-Methylnaphthalene	12.433	142	169354	6.54	ng		98
38) 1-Methylnaphthalene	12.651	142	164197	6.46	ng		100
40) 1,2,4,5-Tetrachloroben...	12.804	216	88601	5.18	ng		99
41) Hexachlorocyclopentadiene	12.792	237	42721	8.50	ng		96
43) 2,4,6-Trichlorophenol	13.033	196	50399	4.30	ng		99
44) 2,4,5-Trichlorophenol	13.098	196	51465	4.06	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.439	154	228900	5.79	ng		98
47) 2-Chloronaphthalene	13.480	162	174822	5.66	ng		98
48) 2-Nitroaniline	13.669	65	23124	2.89	ng		93
49) Acenaphthylene	14.322	152	272651	5.72	ng		99
50) Dimethylphthalate	14.057	163	222444	5.48	ng		99
51) 2,6-Dinitrotoluene	14.169	165	23009	2.72	ng		93
52) Acenaphthene	14.669	154	172249	6.13	ng		100
53) 3-Nitroaniline	14.492	138	28069	3.24	ng	#	90
54) 2,4-Dinitrophenol	14.698	184	9630	2.03	ng		93
55) Dibenzofuran	15.004	168	276844	5.67	ng		96
56) 4-Nitrophenol	14.786	139	22129	3.25	ng		89
57) 2,4-Dinitrotoluene	14.951	165	27504	2.38	ng		98
58) Fluorene	15.651	166	221649	5.87	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.222	232	45844m	3.95	ng		
60) Diethylphthalate	15.427	149	222332	5.51	ng		98
61) 4-Chlorophenyl-phenyle...	15.651	204	115072	5.47	ng		97
62) 4-Nitroaniline	15.651	138	29914	3.22	ng		92
63) Azobenzene	15.939	77	220316	6.67	ng		97
66) n-Nitrosodiphenylamine	15.857	169	193206	5.42	ng		100
67) 4-Bromophenyl-phenylether	16.545	248	68792	4.74	ng		97
68) Hexachlorobenzene	16.663	284	75215	4.73	ng		96
69) Atrazine	16.810	200	67415	5.14	ng		98
70) Pentachlorophenol	16.998	266	31622	3.61	ng		96
71) Phenanthrene	17.398	178	349839	5.89	ng		99
72) Anthracene	17.486	178	355456	5.67	ng		99
73) Carbazole	17.751	167	353365	5.78	ng		99
74) Di-n-butylphthalate	18.321	149	380944	5.37	ng		99
75) Fluoranthene	19.357	202	427637	5.59	ng		98
77) Benzidine	19.533	184	208246	6.14	ng		100
78) Pyrene	19.710	202	449265	5.58	ng		100
80) Butylbenzylphthalate	20.592	149	144398	4.64	ng		96
81) Benzo(a)anthracene	21.421	228	449134	5.95	ng		99
82) 3,3'-Dichlorobenzidine	21.351	252	133671	4.92	ng		97
83) Chrysene	21.474	228	428376	6.02	ng		99
84) Bis(2-ethylhexyl)phtha...	21.368	149	246534	5.69	ng		97
85) Di-n-octyl phthalate	22.315	149	388493	5.26	ng		98
87) Indeno(1,2,3-cd)pyrene	26.462	276	497083	5.87	ng		98
88) Benzo(b)fluoranthene	23.145	252	425406	5.29	ng		98
89) Benzo(k)fluoranthene	23.192	252	433584	5.44	ng		98
90) Benzo(a)pyrene	23.786	252	351927	5.63	ng		99
91) Dibenzo(a,h)anthracene	26.486	278	411418	5.81	ng		95
92) Benzo(g,h,i)perylene	27.244	276	404491	6.10	ng		95

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

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