Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091621\
Data File : BP007002.D
Acq On : 16 Sep 2021 18:54
Operator : CG/JU
Sample : M3686-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MAIN-GUARD-HOUSE-JET-GROUT

Manual Integrations APPROVED
mohammad
9/17/2021 11:29:49 AM

Quant Time: Sep 17 02:38:13 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 16 15:16:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.910	152	322301	20.000	ng		-0.01
21) Naphthalene-d8	10.710	136	1264714	20.000	ng		#-0.01
39) Acenaphthene-d10	14.539	164	804949	20.000	ng		0.00
64) Phenanthrene-d10	17.286	188	1690090	20.000	ng		# 0.00
76) Chrysene-d12	21.369	240	1715298	20.000	ng		#-0.01
86) Perylene-d12	23.780	264	1735487	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	1930837	97.825	ng		0.00
7) Phenol-d6	7.075	99	2243057	83.261	ng		0.00
23) Nitrobenzene-d5	9.075	82	1706290	75.775	ng		0.00
42) 2,4,6-Tribromophenol	16.028	330	1066604	110.181	ng		0.00
45) 2-Fluorobiphenyl	13.169	172	4276708	73.346	ng		0.00
79) Terphenyl-d14	19.839	244	6665957	74.561	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	310831	35.965	ng	#	87
3) Pyridine	3.787	79	595631	26.804	ng	#	85
4) n-Nitrosodimethylamine	3.693	42	329601	40.375	ng	#	79
6) Aniline	7.240	93	736144	25.359	ng		98
8) 2-Chlorophenol	7.475	128	813461	36.771	ng		98
9) Benzaldehyde	7.052	77	473256	37.661	ng		94
10) Phenol	7.105	94	894337	32.931	ng		90
11) bis(2-Chloroethyl)ether	7.340	93	890236	42.527	ng		96
12) 1,3-Dichlorobenzene	7.805	146	979415	39.514	ng		96
13) 1,4-Dichlorobenzene	7.946	146	999307	39.764	ng		97
14) 1,2-Dichlorobenzene	8.263	146	964959	40.099	ng		98
15) Benzyl Alcohol	8.152	79	764686	44.009	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.440	45	1029478	42.068	ng		88
17) 2-Methylphenol	8.357	107	681913	39.090	ng		93
18) Hexachloroethane	8.993	117	338923	40.608	ng		99
19) n-Nitroso-di-n-propyla...	8.722	70	621036	41.989	ng		99
20) 3+4-Methylphenols	8.681	107	914674	38.738	ng		93
22) Acetophenone	8.734	105	1359358	42.617	ng	#	99
24) Nitrobenzene	9.116	77	946791	40.303	ng		97
25) Isophorone	9.646	82	1715988	41.225	ng		98
26) 2-Nitrophenol	9.828	139	396842	38.963	ng	#	89
27) 2,4-Dimethylphenol	9.887	122	797755	44.511	ng		96
28) bis(2-Chloroethoxy)met...	10.128	93	1151649	45.600	ng		99
29) 2,4-Dichlorophenol	10.357	162	789464	38.556	ng		99
30) 1,2,4-Trichlorobenzene	10.575	180	928373	39.873	ng		98
31) Naphthalene	10.763	128	2791263	39.831	ng		99
32) Benzoic acid	10.010	122	431454	34.325	ng		97
33) 4-Chloroaniline	10.869	127	265183	9.746	ng		98
34) Hexachlorobutadiene	11.051	225	531220	38.742	ng		100
35) Caprolactam	11.657	113	215606m	38.267	ng		
36) 4-Chloro-3-methylphenol	11.993	107	845141	40.916	ng		97
37) 2-Methylnaphthalene	12.369	142	2057660	41.417	ng		96
38) 1-Methylnaphthalene	12.587	142	1910283	40.721	ng		100
40) 1,2,4,5-Tetrachloroben...	12.740	216	1049739	40.979	ng		98
41) Hexachlorocyclopentadiene	12.722	237	1239141	97.380	ng		98
43) 2,4,6-Trichlorophenol	12.975	196	643037	38.832	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.040	196	709792	38.903	ng		97
46) 1,1'-Biphenyl	13.375	154	2532497	40.334	ng		99
47) 2-Chloronaphthalene	13.416	162	2030349	41.040	ng		97
48) 2-Nitroaniline	13.622	65	558919	49.306	ng		94
49) Acenaphthylene	14.263	152	3260730	43.495	ng		100
50) Dimethylphthalate	13.998	163	2605017	44.339	ng		99
51) 2,6-Dinitrotoluene	14.116	165	570522	44.621	ng		92
52) Acenaphthene	14.604	154	1951949	41.137	ng		99
53) 3-Nitroaniline	14.439	138	313017	24.491	ng		98
54) 2,4-Dinitrophenol	14.645	184	551596	81.358	ng		93
55) Dibenzofuran	14.939	168	3173643	41.293	ng		95
56) 4-Nitrophenol	14.745	139	852781	78.617	ng	#	81
57) 2,4-Dinitrotoluene	14.898	165	790893	48.329	ng		95
58) Fluorene	15.586	166	2549282	42.498	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.163	232	604541m	38.523	ng		
60) Diethylphthalate	15.363	149	2559684	45.301	ng		98
61) 4-Chlorophenyl-phenyle...	15.581	204	1292448	42.957	ng		92
62) 4-Nitroaniline	15.604	138	592542	46.119	ng	#	80
63) Azobenzene	15.875	77	2274018	43.457	ng		93
65) 4,6-Dinitro-2-methylph...	15.663	198	346293	33.788	ng		98
66) n-Nitrosodiphenylamine	15.792	169	2260089	42.019	ng		99
67) 4-Bromophenyl-phenylether	16.475	248	800164	42.830	ng		95
68) Hexachlorobenzene	16.592	284	893724	42.553	ng		97
69) Atrazine	16.751	200	832362	52.044	ng		97
70) Pentachlorophenol	16.933	266	1051933	83.400	ng		99
71) Phenanthrene	17.328	178	4100616	41.823	ng		99
72) Anthracene	17.422	178	4120651	43.926	ng		99
73) Carbazole	17.686	167	3865600	42.240	ng		98
74) Di-n-butylphthalate	18.245	149	4409095	47.109	ng		99
75) Fluoranthene	19.292	202	4822393	42.702	ng		96
77) Benzidine	19.469	184	1060087	25.898	ng		99
78) Pyrene	19.645	202	4996403	42.035	ng		98
80) Butylbenzylphthalate	20.516	149	1978535	47.546	ng		97
81) Benzo(a)anthracene	21.351	228	4855926	41.661	ng		98
82) 3,3'-Dichlorobenzidine	21.280	252	1091466	32.932	ng	#	98
83) Chrysene	21.404	228	4723741	41.301	ng		98
84) Bis(2-ethylhexyl)phtha...	21.280	149	2918392	47.711	ng		98
85) Di-n-octyl phthalate	22.204	149	4995823	49.971	ng		99
87) Indeno(1,2,3-cd)pyrene	26.309	276	5854032	44.447	ng	#	94
88) Benzo(b)fluoranthene	23.045	252	5142533	43.626	ng	#	98
89) Benzo(k)fluoranthene	23.092	252	4882058	42.552	ng	#	98
90) Benzo(a)pyrene	23.674	252	4844494	45.828	ng	#	97
91) Dibenzo(a,h)anthracene	26.327	278	5005748	43.934	ng	#	95
92) Benzo(g,h,i)perylene	27.092	276	4890262	44.489	ng	#	95

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

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