Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060421\
Data File : BP005705.D
Acq On : 04 Jun 2021 10:43
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
6/7/2021 12:25:03 PM

Quant Time: Jun 04 11:27:32 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 16:11:11 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.981	152	130694	20.000	ng		-0.01
21) Naphthalene-d8	10.793	136	496407	20.000	ng		0.00
39) Acenaphthene-d10	14.610	164	316858	20.000	ng		0.00
64) Phenanthrene-d10	17.357	188	670810	20.000	ng		0.00
76) Chrysene-d12	21.427	240	712376	20.000	ng	#	0.00
86) Perylene-d12	23.869	264	835612	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	658545	78.340	ng		0.00
7) Phenol-d6	7.146	99	878825	76.688	ng		0.00
23) Nitrobenzene-d5	9.146	82	774477	86.767	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	402909	99.164	ng		0.00
45) 2-Fluorobiphenyl	13.240	172	1752421	73.193	ng		0.00
79) Terphenyl-d14	19.898	244	2875280	75.737	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	136397	35.452	ng		91
3) Pyridine	3.817	79	370956	38.950	ng	#	92
4) n-Nitrosodimethylamine	3.723	42	162494	38.308	ng	#	25
6) Aniline	7.305	93	493859	36.865	ng		95
8) 2-Chlorophenol	7.546	128	371610	39.480	ng		96
9) Benzaldehyde	7.116	77	179420	36.162	ng		93
10) Phenol	7.169	94	445895	38.110	ng		98
11) bis(2-Chloroethyl)ether	7.399	93	326682	36.163	ng		98
12) 1,3-Dichlorobenzene	7.869	146	401631	37.591	ng		98
13) 1,4-Dichlorobenzene	8.016	146	406807	37.570	ng		96
14) 1,2-Dichlorobenzene	8.334	146	391899	37.843	ng		99
15) Benzyl Alcohol	8.222	79	316824	38.542	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.511	45	340971	32.972	ng		84
17) 2-Methylphenol	8.428	107	289504	38.009	ng		95
18) Hexachloroethane	9.063	117	142388	37.055	ng		92
19) n-Nitroso-di-n-propyla...	8.793	70	265638	36.442	ng		96
20) 3+4-Methylphenols	8.758	107	396765	39.101	ng		95
22) Acetophenone	8.805	105	490188	37.020	ng	#	98
24) Nitrobenzene	9.187	77	404274	40.775	ng		92
25) Isophorone	9.716	82	725973	36.634	ng	#	97
26) 2-Nitrophenol	9.899	139	193576	50.800	ng	#	83
27) 2,4-Dimethylphenol	9.963	122	289950	38.119	ng		97
28) bis(2-Chloroethoxy)met...	10.199	93	378823	35.519	ng		97
29) 2,4-Dichlorophenol	10.440	162	340200	41.585	ng		98
30) 1,2,4-Trichlorobenzene	10.657	180	371545	38.344	ng		98
31) Naphthalene	10.840	128	1089660	36.861	ng		98
32) Benzoic acid	10.110	122	205432	48.896	ng		97
33) 4-Chloroaniline	10.946	127	453454	36.839	ng	#	92
34) Hexachlorobutadiene	11.128	225	241810	39.955	ng		98
35) Caprolactam	11.740	113	103810	46.336	ng	#	65
36) 4-Chloro-3-methylphenol	12.075	107	346962	40.292	ng		95
37) 2-Methylnaphthalene	12.446	142	772415	36.876	ng	#	87
38) 1-Methylnaphthalene	12.663	142	730132	36.740	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.810	216	403199	38.146	ng		98
41) Hexachlorocyclopentadiene	12.793	237	208817	35.486	ng		96
43) 2,4,6-Trichlorophenol	13.051	196	283909	44.285	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.122	196	303334	43.754	ng	#	92
46) 1,1'-Biphenyl	13.451	154	923343	35.888	ng		98
47) 2-Chloronaphthalene	13.493	162	761290	36.402	ng		99
48) 2-Nitroaniline	13.693	65	216903	44.093	ng	#	78
49) Acenaphthylene	14.334	152	1196702	36.711	ng		99
50) Dimethylphthalate	14.069	163	940931	37.334	ng		99
51) 2,6-Dinitrotoluene	14.187	165	218598	40.191	ng	#	65
52) Acenaphthene	14.675	154	713737	33.682	ng		97
53) 3-Nitroaniline	14.510	138	228272	41.956	ng	#	82
54) 2,4-Dinitrophenol	14.722	184	96426	44.914	ng		96
55) Dibenzofuran	15.010	168	1179292	36.308	ng		98
56) 4-Nitrophenol	14.822	139	190004	42.269	ng	#	58
57) 2,4-Dinitrotoluene	14.969	165	299277	43.863	ng	#	66
58) Fluorene	15.657	166	925063	35.623	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.234	232	274361m	45.740	ng		
60) Diethylphthalate	15.428	149	930158	36.783	ng		98
61) 4-Chlorophenyl-phenyle...	15.645	204	474217	36.526	ng		100
62) 4-Nitroaniline	15.675	138	235903	41.415	ng	#	50
63) Azobenzene	15.940	77	903567	34.122	ng		95
65) 4,6-Dinitro-2-methylph...	15.740	198	161613	47.708	ng		92
66) n-Nitrosodiphenylamine	15.863	169	821786	35.952	ng	#	93
67) 4-Bromophenyl-phenylether	16.545	248	314883	38.965	ng		99
68) Hexachlorobenzene	16.663	284	374158	38.885	ng	#	94
69) Atrazine	16.810	200	271072	41.497	ng		96
70) Pentachlorophenol	17.004	266	206160	42.720	ng		96
71) Phenanthrene	17.398	178	1503057	35.965	ng		100
72) Anthracene	17.486	178	1473669	35.713	ng		99
73) Carbazole	17.757	167	1454547	35.816	ng		99
74) Di-n-butylphthalate	18.304	149	1599886	36.787	ng	#	91
75) Fluoranthene	19.357	202	1844661	36.770	ng		98
77) Benzidine	19.528	184	683996	50.558	ng		99
78) Pyrene	19.704	202	1895412	37.707	ng		99
80) Butylbenzylphthalate	20.569	149	776956	39.055	ng	#	91
81) Benzo(a)anthracene	21.410	228	1928836	36.894	ng		99
82) 3,3'-Dichlorobenzidine	21.339	252	708577	41.960	ng	#	98
83) Chrysene	21.463	228	1882618	37.188	ng		99
84) Bis(2-ethylhexyl)phtha...	21.327	149	1102614	38.830	ng	#	97
85) Di-n-octyl phthalate	22.257	149	1966207	41.199	ng	#	96
87) Indeno(1,2,3-cd)pyrene	26.457	276	2644812	37.202	ng	#	92
88) Benzo(b)fluoranthene	23.121	252	2145032	35.380	ng	#	97
89) Benzo(k)fluoranthene	23.169	252	2057348	35.811	ng	#	98
90) Benzo(a)pyrene	23.763	252	2018780	36.601	ng	#	97
91) Dibenzo(a,h)anthracene	26.468	278	2288717	37.096	ng	#	94
92) Benzo(g,h,i)perylene	27.245	276	2211856	37.168	ng	#	94

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

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