Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022621\
Data File : BP004865.D
Acq On : 26 Feb 2021 16:32
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
3/1/2021 12:37:15 PM

Quant Time: Feb 26 17:05:34 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP022621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 26 15:39:10 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.746	152	39542	20.00	ng		0.00
21) Naphthalene-d8	10.540	136	149169	20.00	ng		# 0.00
39) Acenaphthene-d10	14.398	164	99485	20.00	ng		0.00
64) Phenanthrene-d10	17.157	188	224308	20.00	ng		0.00
76) Chrysene-d12	21.245	240	243528	20.00	ng		0.00
86) Perylene-d12	23.545	264	236187	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	352269	137.55	ng		0.00
7) Phenol-d6	6.934	99	497176	141.17	ng		0.00
23) Nitrobenzene-d5	8.910	82	481465	140.63	ng		0.00
42) 2,4,6-Tribromophenol	15.898	330	204339	154.60	ng		0.00
45) 2-Fluorobiphenyl	13.016	172	1100909	135.25	ng		0.00
79) Terphenyl-d14	19.727	244	2005670	138.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.264	88	69818	63.70	ng		97
3) Pyridine	3.664	79	185487	66.84	ng		93
4) n-Nitrosodimethylamine	3.575	42	75058	65.00	ng	#	70
6) Aniline	7.081	93	275476	70.13	ng	#	87
8) 2-Chlorophenol	7.316	128	198524	74.20	ng		89
10) Phenol	6.957	94	248275	72.83	ng		78
11) bis(2-Chloroethyl)ether	7.181	93	178143	68.33	ng		97
12) 1,3-Dichlorobenzene	7.634	146	214988	66.03	ng	#	91
13) 1,4-Dichlorobenzene	7.781	146	218142	65.95	ng	#	94
14) 1,2-Dichlorobenzene	8.099	146	212351	66.94	ng		96
15) Benzyl Alcohol	7.993	79	203484	76.95	ng	#	85
16) 2,2'-oxybis(1-Chloropr...	8.281	45	118577	56.23	ng		86
17) 2-Methylphenol	8.199	107	168328	73.07	ng	#	89
18) Hexachloroethane	8.822	117	82757	66.77	ng		97
19) n-Nitroso-di-n-propyla...	8.563	70	161350	75.81	ng	#	94
20) 3+4-Methylphenols	8.534	107	232988	76.20	ng		91
22) Acetophenone	8.575	105	302447	69.76	ng	#	95
24) Nitrobenzene	8.951	77	247062	73.00	ng	#	81
25) Isophorone	9.481	82	444950	81.33	ng	#	91
26) 2-Nitrophenol	9.657	139	114909	85.71	ng	#	67
27) 2,4-Dimethylphenol	9.728	122	169740	81.40	ng		86
28) bis(2-Chloroethoxy)met...	9.957	93	220400	62.52	ng		98
29) 2,4-Dichlorophenol	10.193	162	194406	77.18	ng		93
30) 1,2,4-Trichlorobenzene	10.404	180	207977	66.83	ng		99
31) Naphthalene	10.593	128	637309	73.20	ng		99
32) Benzoic acid	9.916	122	145612	93.06	ng	#	72
33) 4-Chloroaniline	10.704	127	265787	74.40	ng	#	89
34) Hexachlorobutadiene	10.875	225	136264	65.19	ng		99
35) Caprolactam	11.528	113	68809m	86.44	ng		
36) 4-Chloro-3-methylphenol	11.845	107	239968	80.23	ng		85
37) 2-Methylnaphthalene	12.210	142	471414	76.12	ng	#	95
38) 1-Methylnaphthalene	12.428	142	439520	74.98	ng		100
40) 1,2,4,5-Tetrachloroben...	12.581	216	235530	65.89	ng	#	98
41) Hexachlorocyclopentadiene	12.557	237	140563	69.14	ng		98
43) 2,4,6-Trichlorophenol	12.828	196	172755	76.72	ng		97
44) 2,4,5-Trichlorophenol	12.898	196	185094	78.21	ng	#	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.228	154	571652	68.64	ng		98
47) 2-Chloronaphthalene	13.269	162	461895	67.66	ng		96
48) 2-Nitroaniline	13.481	65	153695	76.28	ng	#	61
49) Acenaphthylene	14.122	152	746698	74.05	ng		99
50) Dimethylphthalate	13.869	163	600119	68.58	ng		99
51) 2,6-Dinitrotoluene	13.981	165	141755	80.39	ng	#	60
52) Acenaphthene	14.463	154	456753	71.44	ng		99
53) 3-Nitroaniline	14.316	138	144966	79.04	ng	#	72
54) 2,4-Dinitrophenol	14.522	184	95858	94.37	ng	#	75
55) Dibenzofuran	14.804	168	754227	75.02	ng		97
56) 4-Nitrophenol	14.639	139	127764	88.80	ng	#	58
57) 2,4-Dinitrotoluene	14.775	165	202279	83.72	ng	#	66
58) Fluorene	15.451	166	627753	75.99	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.034	232	173498m	77.06	ng		
60) Diethylphthalate	15.234	149	622741	71.00	ng		99
61) 4-Chlorophenyl-phenyle...	15.451	204	318290	69.40	ng		99
62) 4-Nitroaniline	15.492	138	156703	78.23	ng	#	64
63) Azobenzene	15.745	77	628119	76.24	ng		88
65) 4,6-Dinitro-2-methylph...	15.539	198	137563	100.38	ng		89
66) n-Nitrosodiphenylamine	15.669	169	543008	74.45	ng		99
67) 4-Bromophenyl-phenylether	16.345	248	191773	66.40	ng	#	89
68) Hexachlorobenzene	16.457	284	209538	66.59	ng	#	91
69) Atrazine	16.628	200	191702	80.11	ng		99
70) Pentachlorophenol	16.804	266	148366	84.26	ng		98
71) Phenanthrene	17.198	178	986677	71.84	ng		99
72) Anthracene	17.292	178	981724	74.34	ng		99
73) Carbazole	17.569	167	952497	78.61	ng		98
74) Di-n-butylphthalate	18.122	149	1117765	75.18	ng	#	98
75) Fluoranthene	19.174	202	1212403	74.09	ng		99
77) Benzidine	19.357	184	433979	104.79	ng		98
78) Pyrene	19.527	202	1240516	72.23	ng		98
80) Butylbenzylphthalate	20.398	149	530279	78.57	ng	#	77
81) Benzo(a)anthracene	21.233	228	1255580	72.70	ng		99
82) 3,3'-Dichlorobenzidine	21.169	252	437849	79.98	ng		99
83) Chrysene	21.286	228	1209882	72.33	ng		99
84) Bis(2-ethylhexyl)phtha...	21.157	149	787529	77.30	ng		99
85) Di-n-octyl phthalate	22.051	149	1325721	80.24	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.927	276	1370507	72.68	ng		98
88) Benzo(b)fluoranthene	22.851	252	1254269	72.50	ng		100
89) Benzo(k)fluoranthene	22.904	252	1234940	74.37	ng		98
90) Benzo(a)pyrene	23.451	252	1152858	73.75	ng		100
91) Dibenzo(a,h)anthracene	25.939	278	1201204	76.35	ng		98
92) Benzo(g,h,i)perylene	26.651	276	1138349	75.42	ng		98

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

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