Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029708.D
Acq On : 29 Apr 2021 14:02
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 29 15:30:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 29 15:25:42 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
5/3/2021 10:49:04 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.598	152	70010	20.00	ng		0.00
21) Naphthalene-d8	10.375	136	261100	20.00	ng		0.00
39) Acenaphthene-d10	14.245	164	181592	20.00	ng		0.00
64) Phenanthrene-d10	16.986	188	413787	20.00	ng		0.00
76) Chrysene-d12	21.174	240	427551	20.00	ng		0.00
86) Perylene-d12	23.356	264	432611	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.192	112	149082	42.69	ng		0.00
7) Phenol-d6	6.775	99	197307	37.83	ng		0.00
23) Nitrobenzene-d5	8.751	82	191045	37.69	ng		0.00
42) 2,4,6-Tribromophenol	15.739	330	118446	47.16	ng		0.00
45) 2-Fluorobiphenyl	12.863	172	597844	44.68	ng		0.00
79) Terphenyl-d14	19.627	244	1064509	47.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.128	88	26827	19.06	ng		94
3) Pyridine	3.534	79	55270m	15.40	ng		
4) n-Nitrosodimethylamine	3.451	42	25617	14.55	ng	#	86
6) Aniline	6.934	93	107221	18.70	ng		93
8) 2-Chlorophenol	7.163	128	89729	20.67	ng		93
9) Benzaldehyde	6.751	77	39661m	13.37	ng		
10) Phenol	6.804	94	94063	18.61	ng		96
11) bis(2-Chloroethyl)ether	7.034	93	72143	18.71	ng		94
12) 1,3-Dichlorobenzene	7.486	146	108778	21.74	ng		97
13) 1,4-Dichlorobenzene	7.634	146	112658	21.99	ng		95
14) 1,2-Dichlorobenzene	7.945	146	110426	21.62	ng		97
15) Benzyl Alcohol	7.845	79	68515	18.08	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.133	45	82571	16.24	ng		95
17) 2-Methylphenol	8.045	107	69498	19.73	ng		95
18) Hexachloroethane	8.663	117	38844	21.00	ng		86
19) n-Nitroso-di-n-propyla...	8.404	70	63950	16.81	ng		91
20) 3+4-Methylphenols	8.369	107	90939	18.77	ng		90
22) Acetophenone	8.416	105	123957	19.80	ng		96
24) Nitrobenzene	8.792	77	99197	19.35	ng		96
25) Isophorone	9.316	82	180504	18.95	ng		97
26) 2-Nitrophenol	9.498	139	50369	22.74	ng		90
27) 2,4-Dimethylphenol	9.569	122	71872	21.00	ng		98
28) bis(2-Chloroethoxy)met...	9.804	93	93617	19.89	ng		99
29) 2,4-Dichlorophenol	10.033	162	99141	21.96	ng		95
30) 1,2,4-Trichlorobenzene	10.245	180	120151	23.11	ng		98
31) Naphthalene	10.427	128	290470	21.64	ng		99
32) Benzoic acid	9.698	122	43265	16.41	ng		93
33) 4-Chloroaniline	10.545	127	110635	20.90	ng		96
34) Hexachlorobutadiene	10.710	225	83214	25.14	ng		98
35) Caprolactam	11.322	113	24027	17.58	ng	#	85
36) 4-Chloro-3-methylphenol	11.674	107	84251	19.10	ng		96
37) 2-Methylnaphthalene	12.045	142	219061	20.38	ng		98
38) 1-Methylnaphthalene	12.269	142	210439	20.54	ng		99
40) 1,2,4,5-Tetrachloroben...	12.421	216	138667	25.47	ng	#	97
41) Hexachlorocyclopentadiene	12.398	237	62789	20.66	ng		95
43) 2,4,6-Trichlorophenol	12.669	196	88820	23.72	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.745	196	95956	23.22	ng		96
46) 1,1'-Biphenyl	13.074	154	291288	21.94	ng		99
47) 2-Chloronaphthalene	13.110	162	235490	22.17	ng		99
48) 2-Nitroaniline	13.327	65	49184	18.42	ng		92
49) Acenaphthylene	13.963	152	357103	21.92	ng		99
50) Dimethylphthalate	13.710	163	287576	20.95	ng		99
51) 2,6-Dinitrotoluene	13.827	165	67320	22.28	ng		88
52) Acenaphthene	14.310	154	219328	21.50	ng		98
53) 3-Nitroaniline	14.163	138	53367	21.16	ng		91
54) 2,4-Dinitrophenol	14.374	184	34182	20.56	ng	#	81
55) Dibenzofuran	14.645	168	371451	21.56	ng		96
56) 4-Nitrophenol	14.480	139	39157	17.52	ng		91
57) 2,4-Dinitrotoluene	14.621	165	90504	22.18	ng	#	87
58) Fluorene	15.298	166	299904	20.73	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.874	232	89134	24.24	ng	#	90
60) Diethylphthalate	15.080	149	282987	21.01	ng		97
61) 4-Chlorophenyl-phenyle...	15.298	204	164834	22.52	ng		97
62) 4-Nitroaniline	15.327	138	53342	20.22	ng		87
63) Azobenzene	15.586	77	239523	18.73	ng		92
65) 4,6-Dinitro-2-methylph...	15.386	198	56897	20.69	ng		88
66) n-Nitrosodiphenylamine	15.509	169	254656	19.91	ng		97
67) 4-Bromophenyl-phenylether	16.186	248	100710	23.31	ng		95
68) Hexachlorobenzene	16.298	284	112787	22.96	ng		94
69) Atrazine	16.468	200	101608	22.26	ng		96
70) Pentachlorophenol	16.645	266	65518	20.48	ng		99
71) Phenanthrene	17.033	178	501292	21.04	ng		100
72) Anthracene	17.121	178	500295	21.28	ng		100
73) Carbazole	17.398	167	451515	20.50	ng		99
74) Di-n-butylphthalate	17.968	149	526471	22.02	ng		99
75) Fluoranthene	19.050	202	615839	21.31	ng		99
77) Benzidine	19.245	184	164295	18.15	ng		99
78) Pyrene	19.415	202	636923	23.16	ng		99
80) Butylbenzylphthalate	20.327	149	240418	23.35	ng		89
81) Benzo(a)anthracene	21.162	228	600534	21.23	ng		99
82) 3,3'-Dichlorobenzidine	21.103	252	188944	20.91	ng	#	98
83) Chrysene	21.215	228	592918	21.33	ng		100
84) Bis(2-ethylhexyl)phtha...	21.103	149	359146	21.76	ng		99
85) Di-n-octyl phthalate	21.962	149	603758	21.80	ng		96
87) Indeno(1,2,3-cd)pyrene	25.532	276	688939	20.60	ng		98
88) Benzo(b)fluoranthene	22.703	252	625067	22.16	ng		99
89) Benzo(k)fluoranthene	22.744	252	577494	20.42	ng		100
90) Benzo(a)pyrene	23.262	252	551306	20.81	ng		97
91) Dibenzo(a,h)anthracene	25.538	278	590640	20.48	ng		99
92) Benzo(g,h,i)perylene	26.197	276	555449	20.83	ng		98

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

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