Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081621\
Data File : BM031751.D
Acq On : 16 Aug 2021 14:58
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
8/17/2021 1:22:08 PM

Quant Time: Aug 16 16:13:47 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 14:20:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.551	152	43727	20.000	ng		# 0.00
21) Naphthalene-d8	10.316	136	194981	20.000	ng		0.00
39) Acenaphthene-d10	14.192	164	137734	20.000	ng		0.00
64) Phenanthrene-d10	16.945	188	304416	20.000	ng		0.00
76) Chrysene-d12	21.150	240	313188	20.000	ng		0.00
86) Perylene-d12	23.297	264	282194	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.187	112	310673	127.581	ng		0.00
7) Phenol-d6	6.751	99	456901	129.434	ng		0.00
23) Nitrobenzene-d5	8.710	82	547877	141.084	ng		0.00
42) 2,4,6-Tribromophenol	15.698	330	208836	116.112	ng		0.00
45) 2-Fluorobiphenyl	12.810	172	1222060	132.385	ng		0.00
79) Terphenyl-d14	19.592	244	2306522	145.713	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.193	88	60840	62.177	ng		92
3) Pyridine	3.575	79	179729m	64.930	ng		
4) n-Nitrosodimethylamine	3.493	42	105310	66.937	ng		88
6) Aniline	6.904	93	246980	65.168	ng		98
8) 2-Chlorophenol	7.128	128	183583	64.048	ng		96
9) Benzaldehyde	6.722	77	143458	68.204	ng		99
10) Phenol	6.781	94	228538	66.824	ng		92
11) bis(2-Chloroethyl)ether	7.004	93	166032	65.579	ng		95
12) 1,3-Dichlorobenzene	7.439	146	191822	61.545	ng	#	94
13) 1,4-Dichlorobenzene	7.586	146	196849	62.060	ng		97
14) 1,2-Dichlorobenzene	7.898	146	195215	63.007	ng		96
15) Benzyl Alcohol	7.804	79	200541	67.484	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.086	45	230839	72.877	ng		96
17) 2-Methylphenol	8.004	107	161044	67.308	ng		96
18) Hexachloroethane	8.610	117	82414	67.314	ng		90
19) n-Nitroso-di-n-propyla...	8.369	70	180716	72.488	ng		95
20) 3+4-Methylphenols	8.334	107	231098	68.304	ng		96
22) Acetophenone	8.375	105	322493	66.814	ng	#	92
24) Nitrobenzene	8.751	77	272480	69.487	ng		96
25) Isophorone	9.275	82	487610	70.220	ng		98
26) 2-Nitrophenol	9.445	139	113562	68.778	ng	#	82
27) 2,4-Dimethylphenol	9.516	122	168222	64.665	ng		93
28) bis(2-Chloroethoxy)met...	9.751	93	234049	66.848	ng		99
29) 2,4-Dichlorophenol	9.975	162	198258	64.429	ng		96
30) 1,2,4-Trichlorobenzene	10.180	180	204946	60.655	ng		97
31) Naphthalene	10.363	128	652124	65.002	ng		99
32) Benzoic acid	9.716	122	162070	73.119	ng		96
33) 4-Chloroaniline	10.492	127	276076	63.788	ng		95
34) Hexachlorobutadiene	10.639	225	129547	59.706	ng		95
35) Caprolactam	11.322	113	69370m	67.062	ng		
36) 4-Chloro-3-methylphenol	11.627	107	244739	69.695	ng		91
37) 2-Methylnaphthalene	11.986	142	492493	63.687	ng	#	96
38) 1-Methylnaphthalene	12.204	142	470856m	63.945	ng		
40) 1,2,4,5-Tetrachloroben...	12.357	216	229541	59.817	ng	#	97
41) Hexachlorocyclopentadiene	12.327	237	122490	57.378	ng		98
43) 2,4,6-Trichlorophenol	12.610	196	175747	65.197	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.680	196	189541	63.507	ng	#	90
46) 1,1'-Biphenyl	13.016	154	632960	64.811	ng		99
47) 2-Chloronaphthalene	13.057	162	499051	65.240	ng	#	92
48) 2-Nitroaniline	13.280	65	192083	78.799	ng		88
49) Acenaphthylene	13.910	152	829070	67.806	ng		99
50) Dimethylphthalate	13.674	163	668455	64.705	ng		99
51) 2,6-Dinitrotoluene	13.792	165	152897	66.072	ng	#	74
52) Acenaphthene	14.257	154	502594	65.319	ng		99
53) 3-Nitroaniline	14.121	138	159995	68.434	ng		91
54) 2,4-Dinitrophenol	14.333	184	94757	69.430	ng	#	75
55) Dibenzofuran	14.598	168	843115	66.812	ng		94
56) 4-Nitrophenol	14.445	139	138302	66.894	ng	#	72
57) 2,4-Dinitrotoluene	14.586	165	226858	70.402	ng	#	62
58) Fluorene	15.251	166	711492	66.836	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.827	232	170732	61.388	ng	#	84
60) Diethylphthalate	15.045	149	745262	67.286	ng		97
61) 4-Chlorophenyl-phenyle...	15.251	204	336483	63.831	ng	#	85
62) 4-Nitroaniline	15.298	138	168723	65.422	ng	#	85
63) Azobenzene	15.545	77	824045	74.749	ng		92
65) 4,6-Dinitro-2-methylph...	15.351	198	131570	68.910	ng	#	65
66) n-Nitrosodiphenylamine	15.474	169	598368	66.874	ng		99
67) 4-Bromophenyl-phenylether	16.145	248	193733	61.509	ng	#	88
68) Hexachlorobenzene	16.251	284	207550	58.478	ng	#	88
69) Atrazine	16.439	200	210873	64.196	ng		95
70) Pentachlorophenol	16.598	266	147458	63.548	ng		96
71) Phenanthrene	16.992	178	1101939	65.369	ng		100
72) Anthracene	17.080	178	1082900	65.144	ng		100
73) Carbazole	17.356	167	1087869	66.111	ng	#	97
74) Di-n-butylphthalate	17.927	149	1381842	71.485	ng	#	98
75) Fluoranthene	19.009	202	1329649	63.029	ng		98
77) Benzidine	19.209	184	522725	67.606	ng		99
78) Pyrene	19.374	202	1375085	70.310	ng		99
80) Butylbenzylphthalate	20.297	149	672086	80.485	ng		92
81) Benzo(a)anthracene	21.133	228	1363541	65.694	ng		98
82) 3,3'-Dichlorobenzidine	21.074	252	434011	76.279	ng		98
83) Chrysene	21.186	228	1321054	65.512	ng		98
84) Bis(2-ethylhexyl)phtha...	21.074	149	1058969	81.853	ng	#	94
85) Di-n-octyl phthalate	21.939	149	1685663	76.090	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.444	276	1128067	55.942	ng		98
88) Benzo(b)fluoranthene	22.662	252	1299798	69.511	ng		99
89) Benzo(k)fluoranthene	22.709	252	1236974	70.732	ng		99
90) Benzo(a)pyrene	23.209	252	1123646	66.754	ng		99
91) Dibenzo(a,h)anthracene	25.450	278	1000696	57.328	ng		99
92) Benzo(g,h,i)perylene	26.091	276	878363	52.813	ng		98

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

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