Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081621\
Data File : BM031747.D
Acq On : 16 Aug 2021 12:29
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
mohammad
8/17/2021 1:21:51 PM

Quant Time: Aug 16 14:21:25 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	7.557	152	31583	20.000	ng		0.00
21) Naphthalene-d8	10.316	136	142872	20.000	ng		0.00
39) Acenaphthene-d10	14.192	164	98224	20.000	ng		0.00
64) Phenanthrene-d10	16.945	188	224057	20.000	ng		0.00
76) Chrysene-d12	21.139	240	242745	20.000	ng		0.00
86) Perylene-d12	23.291	264	252978	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.187	112	45706	25.987	ng		0.00
7) Phenol-d6	6.745	99	63407	24.869	ng		0.00
23) Nitrobenzene-d5	8.704	82	75461	26.519	ng		0.00
42) 2,4,6-Tribromophenol	15.692	330	25775	20.095	ng		0.00
45) 2-Fluorobiphenyl	12.804	172	162342	24.660	ng		0.00
79) Terphenyl-d14	19.586	244	298169	24.303	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.199	88	9874	13.971	ng	#	91
3) Pyridine	3.581	79	25853	12.931	ng	#	85
4) n-Nitrosodimethylamine	3.499	42	15704	13.820	ng	#	82
6) Aniline	6.898	93	35329	12.906	ng		94
8) 2-Chlorophenol	7.122	128	25502	12.318	ng		92
9) Benzaldehyde	6.716	77	24154m	15.899	ng		
10) Phenol	6.769	94	31610	12.797	ng		90
11) bis(2-Chloroethyl)ether	6.998	93	24691	13.502	ng		97
12) 1,3-Dichlorobenzene	7.440	146	27829	12.362	ng	#	92
13) 1,4-Dichlorobenzene	7.587	146	29363	12.817	ng		97
14) 1,2-Dichlorobenzene	7.898	146	28279	12.637	ng		97
15) Benzyl Alcohol	7.804	79	26521	12.356	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.087	45	35357	15.454	ng		99
17) 2-Methylphenol	7.998	107	22183	12.836	ng		92
18) Hexachloroethane	8.604	117	11865	13.417	ng		87
19) n-Nitroso-di-n-propyla...	8.357	70	24971	13.868	ng		91
20) 3+4-Methylphenols	8.328	107	31023	12.695	ng		93
22) Acetophenone	8.375	105	45138	12.762	ng	#	90
24) Nitrobenzene	8.745	77	39469	13.736	ng		95
25) Isophorone	9.269	82	66667	13.102	ng		97
26) 2-Nitrophenol	9.445	139	14152	11.697	ng	#	75
27) 2,4-Dimethylphenol	9.510	122	22906	12.017	ng		93
28) bis(2-Chloroethoxy)met...	9.751	93	32417	12.636	ng		99
29) 2,4-Dichlorophenol	9.975	162	25107	11.135	ng		92
30) 1,2,4-Trichlorobenzene	10.181	180	27720	11.196	ng	#	95
31) Naphthalene	10.363	128	90378	12.294	ng		100
32) Benzoic acid	9.616	122	19631	12.087	ng		92
33) 4-Chloroaniline	10.492	127	36783	11.599	ng		95
34) Hexachlorobutadiene	10.639	225	17676	11.118	ng		95
35) Caprolactam	11.275	113	8716	11.499	ng	#	85
36) 4-Chloro-3-methylphenol	11.616	107	31289	12.160	ng		93
37) 2-Methylnaphthalene	11.980	142	66885	11.804	ng		96
38) 1-Methylnaphthalene	12.204	142	64336	11.924	ng		98
40) 1,2,4,5-Tetrachloroben...	12.357	216	30509	11.148	ng	#	93
41) Hexachlorocyclopentadiene	12.327	237	13919	9.143	ng		98
43) 2,4,6-Trichlorophenol	12.610	196	22536	11.723	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.680	196	24009	11.280	ng	#	87
46) 1,1'-Biphenyl	13.016	154	85046	12.211	ng		97
47) 2-Chloronaphthalene	13.051	162	66954	12.273	ng	#	90
48) 2-Nitroaniline	13.274	65	23517	13.528	ng	#	84
49) Acenaphthylene	13.910	152	109832	12.596	ng		98
50) Dimethylphthalate	13.663	163	91580	12.431	ng		98
51) 2,6-Dinitrotoluene	13.786	165	20211	12.247	ng	#	78
52) Acenaphthene	14.251	154	66731	12.161	ng		99
53) 3-Nitroaniline	14.110	138	19501	11.696	ng		86
54) 2,4-Dinitrophenol	14.327	184	10010	10.285	ng	#	81
55) Dibenzofuran	14.592	168	111979	12.443	ng	#	91
56) 4-Nitrophenol	14.433	139	16499	11.190	ng	#	70
57) 2,4-Dinitrotoluene	14.580	165	27790	12.093	ng	#	62
58) Fluorene	15.245	166	91361	12.034	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.821	232	22256	11.221	ng	#	81
60) Diethylphthalate	15.033	149	99654	12.616	ng		95
61) 4-Chlorophenyl-phenyle...	15.245	204	44207	11.759	ng	#	83
62) 4-Nitroaniline	15.286	138	19130	10.401	ng	#	82
63) Azobenzene	15.539	77	110334	14.034	ng		88
65) 4,6-Dinitro-2-methylph...	15.345	198	15532	11.053	ng	#	74
66) n-Nitrosodiphenylamine	15.468	169	79426	12.060	ng		98
67) 4-Bromophenyl-phenylether	16.145	248	25892	11.169	ng	#	87
68) Hexachlorobenzene	16.245	284	27778	10.634	ng	#	87
69) Atrazine	16.427	200	28680	11.862	ng		98
70) Pentachlorophenol	16.598	266	18247	10.684	ng		95
71) Phenanthrene	16.986	178	148886	12.000	ng		99
72) Anthracene	17.074	178	144865	11.840	ng		99
73) Carbazole	17.357	167	145076	11.979	ng		97
74) Di-n-butylphthalate	17.927	149	176211	12.385	ng	#	98
75) Fluoranthene	19.009	202	177070	11.404	ng		99
77) Benzidine	19.209	184	71714	11.967	ng		98
78) Pyrene	19.368	202	186004	12.270	ng		99
80) Butylbenzylphthalate	20.292	149	88042	13.603	ng		90
81) Benzo(a)anthracene	21.127	228	192262	11.951	ng		98
82) 3,3'-Dichlorobenzidine	21.068	252	58210	13.200	ng	#	97
83) Chrysene	21.180	228	189911	12.151	ng		98
84) Bis(2-ethylhexyl)phtha...	21.074	149	132880	13.252	ng		95
85) Di-n-octyl phthalate	21.933	149	232337	13.531	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.415	276	204372	11.305	ng		99
88) Benzo(b)fluoranthene	22.656	252	197826	11.801	ng		99
89) Benzo(k)fluoranthene	22.697	252	190812m	12.171	ng		
90) Benzo(a)pyrene	23.197	252	179369	11.887	ng		98
91) Dibenzo(a,h)anthracene	25.427	278	177407	11.337	ng		98
92) Benzo(g,h,i)perylene	26.068	276	167375	11.226	ng		98

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

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