Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032621\
Data File : BM029222.D
Acq On : 25 Mar 2021 14:46
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
3/26/2021 1:31:24 PM

Quant Time: Mar 25 15:20:38 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 25 13:53:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	95510	20.00	ng		0.00
21) Naphthalene-d8	10.539	136	344232	20.00	ng		0.00
39) Acenaphthene-d10	14.386	164	210639	20.00	ng		0.00
64) Phenanthrene-d10	17.127	188	418662	20.00	ng		0.00
76) Chrysene-d12	21.297	240	438466	20.00	ng		0.00
86) Perylene-d12	23.532	264	441541	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	888086	162.52	ng		0.00
7) Phenol-d6	6.928	99	1281324	162.42	ng		0.00
23) Nitrobenzene-d5	8.916	82	1225817	174.74	ng		0.00
42) 2,4,6-Tribromophenol	15.874	330	368128	177.41	ng		0.00
45) 2-Fluorobiphenyl	13.010	172	2479717	165.83	ng		0.00
79) Terphenyl-d14	19.750	244	3737913	169.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	190658	77.47	ng		99
3) Pyridine	3.693	79	510729m	82.24	ng		
4) n-Nitrosodimethylamine	3.604	42	234063	82.95	ng	#	95
6) Aniline	7.092	93	691605	80.10	ng		99
8) 2-Chlorophenol	7.328	128	499569	80.29	ng		99
9) Benzaldehyde	6.904	77	353044m	70.11	ng		
10) Phenol	6.957	94	628038	80.38	ng		97
11) bis(2-Chloroethyl)ether	7.192	93	449807	78.52	ng		98
12) 1,3-Dichlorobenzene	7.651	146	541667	77.37	ng		97
13) 1,4-Dichlorobenzene	7.792	146	548570	77.81	ng		100
14) 1,2-Dichlorobenzene	8.110	146	530560	77.13	ng		98
15) Benzyl Alcohol	7.998	79	474726	80.14	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.292	45	659077	74.63	ng		100
17) 2-Methylphenol	8.198	107	407178	80.25	ng		99
18) Hexachloroethane	8.833	117	206325	79.67	ng		99
19) n-Nitroso-di-n-propyla...	8.569	70	418383	79.04	ng		98
20) 3+4-Methylphenols	8.522	107	561343	81.37	ng		98
22) Acetophenone	8.575	105	727018	83.94	ng	#	99
24) Nitrobenzene	8.957	77	625393	84.85	ng		98
25) Isophorone	9.480	82	1074618	86.84	ng		100
27) 2,4-Dimethylphenol	9.722	122	405346	85.44	ng		96
28) bis(2-Chloroethoxy)met...	9.963	93	551017	84.05	ng		98
29) 2,4-Dichlorophenol	10.186	162	455559	88.99	ng		98
30) 1,2,4-Trichlorobenzene	10.404	180	486038	83.16	ng		100
31) Naphthalene	10.592	128	1508775	82.97	ng		99
33) 4-Chloroaniline	10.698	127	627815	86.32	ng		98
34) Hexachlorobutadiene	10.880	225	283381	82.29	ng		98
35) Caprolactam	11.492	113	145619m	91.32	ng		
36) 4-Chloro-3-methylphenol	11.822	107	492343	88.42	ng		96
37) 2-Methylnaphthalene	12.204	142	1074951	82.63	ng		98
38) 1-Methylnaphthalene	12.427	142	1015064	82.31	ng		99
40) 1,2,4,5-Tetrachloroben...	12.574	216	497059	84.64	ng		99
41) Hexachlorocyclopentadiene	12.557	237	284052	87.09	ng		99
43) 2,4,6-Trichlorophenol	12.816	196	348480	91.92	ng		99
44) 2,4,5-Trichlorophenol	12.880	196	379813	89.51	ng		98
46) 1,1'-Biphenyl	13.221	154	1326490	82.19	ng		99

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47) 2-Chloronaphthalene	13.263	162	1046008	83.43	ng	99
48) 2-Nitroaniline	13.463	65	351800	96.37	ng	98
49) Acenaphthylene	14.110	152	1651940	85.95	ng	100
50) Dimethylphthalate	13.851	163	1251815	83.38	ng	99
51) 2,6-Dinitrotoluene	13.963	165	290419	89.94	ng	98
52) Acenaphthene	14.451	154	1016504	82.58	ng	99
53) 3-Nitroaniline	14.292	138	302082	95.76	ng	97
54) 2,4-Dinitrophenol	14.492	184	157915	104.01	ng	97
55) Dibenzofuran	14.786	168	1596824	81.77	ng	99
56) 4-Nitrophenol	14.592	139	267310	90.37	ng	97
57) 2,4-Dinitrotoluene	14.751	165	400033	98.69	ng	95
58) Fluorene	15.433	166	1351807	85.26	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.010	232	312004	89.09	ng	99
60) Diethylphthalate	15.215	149	1258740	84.26	ng	100
61) 4-Chlorophenyl-phenyle...	15.433	204	618978	83.85	ng	98
62) 4-Nitroaniline	15.457	138	327774	96.95	ng	98
63) Azobenzene	15.727	77	1436092	85.01	ng	97
65) 4,6-Dinitro-2-methylph...	15.509	198	222044	101.53	ng	98
66) n-Nitrosodiphenylamine	15.645	169	1133250	85.00	ng	99
67) 4-Bromophenyl-phenylether	16.321	248	335107	83.24	ng	99
68) Hexachlorobenzene	16.433	284	376918	82.85	ng	98
69) Atrazine	16.598	200	379865	88.58	ng	98
70) Pentachlorophenol	16.774	266	252790	91.31	ng	99
71) Phenanthrene	17.168	178	2043636	84.03	ng	99
72) Anthracene	17.256	178	2043633	86.93	ng	99
73) Carbazole	17.527	167	2019744	87.01	ng	99
74) Di-n-butylphthalate	18.098	149	2078945	92.06	ng	99
75) Fluoranthene	19.180	202	2348005	87.05	ng	99
77) Benzidine	19.362	184	899373	64.47	ng	100
78) Pyrene	19.539	202	2490682	85.50	ng	100
80) Butylbenzylphthalate	20.444	149	974860	103.15	ng	99
81) Benzo(a)anthracene	21.280	228	2424456	84.92	ng	99
82) 3,3'-Dichlorobenzidine	21.215	252	768220	90.80	ng	99
83) Chrysene	21.333	228	2393211	84.58	ng	100
84) Bis(2-ethylhexyl)phtha...	21.221	149	1409110	99.54	ng	98
85) Di-n-octyl phthalate	22.097	149	2331746	97.55	ng	99
87) Indeno(1,2,3-cd)pyrene	25.815	276	2834190	87.36	ng	99
88) Benzo(b)fluoranthene	22.862	252	2470612	85.56	ng	100
89) Benzo(k)fluoranthene	22.909	252	2424725	86.79	ng	100
90) Benzo(a)pyrene	23.438	252	2295272	88.49	ng	99
91) Dibenzo(a,h)anthracene	25.826	278	2436860	86.94	ng	98
92) Benzo(g,h,i)perylene	26.509	276	2314049	86.06	ng	100

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

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