Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082521\
Data File : BM031890.D
Acq On : 25 Aug 2021 13:10
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
8/26/2021 11:41:05 AM

Quant Time: Aug 25 13:49:56 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 25 12:03:54 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.522	152	40786	20.000	ng		0.00
21) Naphthalene-d8	10.281	136	166436	20.000	ng		0.00
39) Acenaphthene-d10	14.163	164	112080	20.000	ng		0.00
64) Phenanthrene-d10	16.916	188	211134	20.000	ng		0.00
76) Chrysene-d12	21.127	240	145149	20.000	ng		0.00
86) Perylene-d12	23.268	264	122199	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.163	112	368216	132.810	ng		0.00
7) Phenol-d6	6.734	99	525222	141.041	ng		0.01
23) Nitrobenzene-d5	8.687	82	613078	149.998	ng		0.00
42) 2,4,6-Tribromophenol	15.669	330	214591	173.755	ng		0.00
45) 2-Fluorobiphenyl	12.781	172	1420837	163.108	ng		0.00
79) Terphenyl-d14	19.568	244	1707358	176.966	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.169	88	66067	73.375	ng	#	86
3) Pyridine	3.552	79	176320	64.971	ng	#	83
4) n-Nitrosodimethylamine	3.475	42	127091	107.297	ng	#	48
6) Aniline	6.881	93	270658	68.292	ng		98
8) 2-Chlorophenol	7.099	128	212252	71.398	ng		96
10) Phenol	6.757	94	256851	69.041	ng		97
11) bis(2-Chloroethyl)ether	6.981	93	185105	65.771	ng		96
12) 1,3-Dichlorobenzene	7.410	146	229184	71.246	ng		100
13) 1,4-Dichlorobenzene	7.557	146	235612	72.120	ng		99
14) 1,2-Dichlorobenzene	7.869	146	231267	72.686	ng		98
15) Benzyl Alcohol	7.781	79	225764	73.769	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.057	45	239802	57.015	ng		96
17) 2-Methylphenol	7.975	107	181662	72.532	ng		99
18) Hexachloroethane	8.575	117	100084	71.947	ng		97
19) n-Nitroso-di-n-propyla...	8.346	70	198085	70.662	ng		98
20) 3+4-Methylphenols	8.310	107	254135	72.761	ng		98
22) Acetophenone	8.351	105	364469	75.099	ng	#	97
24) Nitrobenzene	8.728	77	304023	72.620	ng		96
25) Isophorone	9.251	82	515088	70.239	ng		96
26) 2-Nitrophenol	9.416	139	128692	81.448	ng		92
27) 2,4-Dimethylphenol	9.487	122	185248	76.165	ng		96
28) bis(2-Chloroethoxy)met...	9.728	93	256771	72.034	ng		98
29) 2,4-Dichlorophenol	9.946	162	222747	80.814	ng		97
30) 1,2,4-Trichlorobenzene	10.151	180	242189	82.755	ng		98
31) Naphthalene	10.334	128	735728	77.088	ng		99
32) Benzoic acid	9.722	122	173738	84.274	ng		88
33) 4-Chloroaniline	10.463	127	297716	78.565	ng		98
34) Hexachlorobutadiene	10.604	225	156861	85.757	ng		98
35) Caprolactam	11.310	113	64889m	74.396	ng		
36) 4-Chloro-3-methylphenol	11.604	107	257565	78.704	ng		99
37) 2-Methylnaphthalene	11.951	142	553076	80.386	ng		98
38) 1-Methylnaphthalene	12.175	142	522290	80.636	ng		98
40) 1,2,4,5-Tetrachloroben...	12.328	216	269476	83.661	ng		99
41) Hexachlorocyclopentadiene	12.298	237	143302	91.734	ng		99
43) 2,4,6-Trichlorophenol	12.587	196	194616	81.841	ng		95
44) 2,4,5-Trichlorophenol	12.657	196	207914	81.964	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	12.992	154	702666	77.724	ng		98
47) 2-Chloronaphthalene	13.028	162	553266	78.806	ng		99
48) 2-Nitroaniline	13.257	65	192176	78.662	ng		94
49) Acenaphthylene	13.886	152	894531	78.544	ng		99
50) Dimethylphthalate	13.651	163	681951	74.902	ng		100
51) 2,6-Dinitrotoluene	13.769	165	154161	77.610	ng		86
52) Acenaphthene	14.233	154	538822	78.645	ng		98
53) 3-Nitroaniline	14.104	138	150181	77.234	ng		95
54) 2,4-Dinitrophenol	14.316	184	96553	87.045	ng	#	85
55) Dibenzofuran	14.569	168	904278	79.720	ng		98
56) 4-Nitrophenol	14.422	139	123009	76.815	ng		94
57) 2,4-Dinitrotoluene	14.569	165	226578	81.944	ng		91
58) Fluorene	15.222	166	753634	81.103	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.804	232	174978	80.572	ng		96
60) Diethylphthalate	15.016	149	741074	74.751	ng		98
61) 4-Chlorophenyl-phenyle...	15.222	204	369808	83.044	ng		99
62) 4-Nitroaniline	15.275	138	144076	77.892	ng		95
63) Azobenzene	15.522	77	817033	71.484	ng		97
65) 4,6-Dinitro-2-methylph...	15.333	198	129490	88.051	ng		86
66) n-Nitrosodiphenylamine	15.451	169	603207	84.613	ng		96
67) 4-Bromophenyl-phenylether	16.116	248	199153	86.843	ng		98
68) Hexachlorobenzene	16.222	284	208303	85.835	ng		93
69) Atrazine	16.416	200	181380	76.109	ng		97
70) Pentachlorophenol	16.574	266	135432	85.322	ng		98
71) Phenanthrene	16.963	178	1016829	79.964	ng		99
72) Anthracene	17.057	178	995617	79.587	ng		100
73) Carbazole	17.333	167	902693	75.021	ng		99
74) Di-n-butylphthalate	17.904	149	1145373	71.454	ng		100
75) Fluoranthene	18.986	202	1032503	73.048	ng		99
77) Benzidine	19.192	184	301837	77.568	ng		98
78) Pyrene	19.351	202	1026019	88.218	ng		100
80) Butylbenzylphthalate	20.274	149	426428	74.373	ng		99
81) Benzo(a)anthracene	21.109	228	816636	76.742	ng		99
82) 3,3'-Dichlorobenzidine	21.057	252	236430	75.055	ng		100
83) Chrysene	21.162	228	795491	77.674	ng		99
84) Bis(2-ethylhexyl)phtha...	21.057	149	623583	69.891	ng		98
85) Di-n-octyl phthalate	21.915	149	923133	64.667	ng		97
87) Indeno(1,2,3-cd)pyrene	25.397	276	733951	77.369	ng		97
88) Benzo(b)fluoranthene	22.639	252	733278	81.472	ng		98
89) Benzo(k)fluoranthene	22.680	252	690706	79.742	ng		98
90) Benzo(a)pyrene	23.180	252	640326	79.242	ng		99
91) Dibenzo(a,h)anthracene	25.403	278	642099	77.528	ng		98
92) Benzo(g,h,i)perylene	26.039	276	595060	77.194	ng		97

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

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