Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081621\
Data File : BM031748.D
Acq On : 16 Aug 2021 13:06
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
8/17/2021 1:21:53 PM

Quant Time: Aug 16 14:22:02 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	36823	20.000	ng		0.00
21) Naphthalene-d8	10.316	136	165448	20.000	ng	#	0.00
39) Acenaphthene-d10	14.192	164	118775	20.000	ng		0.00
64) Phenanthrene-d10	16.945	188	267634	20.000	ng		0.00
76) Chrysene-d12	21.145	240	289156	20.000	ng		0.00
86) Perylene-d12	23.291	264	287756	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.187	112	92060	44.894	ng		0.00
7) Phenol-d6	6.745	99	132180	44.465	ng		0.00
23) Nitrobenzene-d5	8.704	82	157257	47.724	ng		0.00
42) 2,4,6-Tribromophenol	15.692	330	55935	36.064	ng		0.00
45) 2-Fluorobiphenyl	12.804	172	343735	43.180	ng		0.00
79) Terphenyl-d14	19.586	244	638793	43.709	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.193	88	19544	23.718	ng		91
3) Pyridine	3.575	79	54693	23.463	ng		87
4) n-Nitrosodimethylamine	3.499	42	30086	22.709	ng	#	84
6) Aniline	6.898	93	73090	22.902	ng		97
8) 2-Chlorophenol	7.122	128	53815	22.295	ng		93
9) Benzaldehyde	6.716	77	47591m	26.868	ng		
10) Phenol	6.769	94	65912	22.886	ng		90
11) bis(2-Chloroethyl)ether	6.998	93	48768	22.874	ng		92
12) 1,3-Dichlorobenzene	7.440	146	58689	22.360	ng	#	92
13) 1,4-Dichlorobenzene	7.587	146	59375	22.229	ng		96
14) 1,2-Dichlorobenzene	7.898	146	58325	22.354	ng		94
15) Benzyl Alcohol	7.804	79	57893	23.134	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.087	45	71612	26.847	ng		97
17) 2-Methylphenol	7.998	107	46782	23.218	ng		95
18) Hexachloroethane	8.610	117	24409	23.675	ng		89
19) n-Nitroso-di-n-propyla...	8.357	70	52533	25.022	ng		96
20) 3+4-Methylphenols	8.328	107	65826	23.103	ng		93
22) Acetophenone	8.375	105	94233	23.008	ng	#	93
24) Nitrobenzene	8.745	77	82574	24.817	ng		95
25) Isophorone	9.269	82	143048	24.277	ng		98
26) 2-Nitrophenol	9.445	139	31811	22.705	ng	#	80
27) 2,4-Dimethylphenol	9.516	122	49117	22.251	ng		93
28) bis(2-Chloroethoxy)met...	9.751	93	70391	23.694	ng		99
29) 2,4-Dichlorophenol	9.969	162	54897	21.025	ng		93
30) 1,2,4-Trichlorobenzene	10.181	180	58665	20.461	ng	#	94
31) Naphthalene	10.363	128	189739	22.289	ng		99
32) Benzoic acid	9.645	122	44780	23.809	ng		96
33) 4-Chloroaniline	10.492	127	78762	21.447	ng		95
34) Hexachlorobutadiene	10.639	225	37156	20.181	ng		96
35) Caprolactam	11.280	113	20011	22.799	ng		92
36) 4-Chloro-3-methylphenol	11.616	107	69239	23.237	ng		89
37) 2-Methylnaphthalene	11.980	142	140547	21.419	ng	#	96
38) 1-Methylnaphthalene	12.204	142	133454	21.359	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.357	216	64808	19.584	ng	#	95
41) Hexachlorocyclopentadiene	12.327	237	33008	17.930	ng		97
43) 2,4,6-Trichlorophenol	12.610	196	47720	20.528	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.680	196	54026	20.991	ng	#	90
46) 1,1'-Biphenyl	13.016	154	182350	21.652	ng		100
47) 2-Chloronaphthalene	13.051	162	142108	21.543	ng	#	90
48) 2-Nitroaniline	13.274	65	53306	25.358	ng		86
49) Acenaphthylene	13.910	152	233792	22.173	ng		99
50) Dimethylphthalate	13.663	163	192364	21.593	ng		99
51) 2,6-Dinitrotoluene	13.786	165	42847	21.471	ng	#	73
52) Acenaphthene	14.257	154	141499	21.325	ng		99
53) 3-Nitroaniline	14.116	138	45355	22.496	ng		95
54) 2,4-Dinitrophenol	14.327	184	22661	19.254	ng	#	76
55) Dibenzofuran	14.592	168	238820	21.946	ng		92
56) 4-Nitrophenol	14.433	139	38149	21.397	ng	#	73
57) 2,4-Dinitrotoluene	14.580	165	61169	22.013	ng	#	60
58) Fluorene	15.245	166	193656	21.095	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.821	232	48042	20.031	ng	#	84
60) Diethylphthalate	15.039	149	212776	22.277	ng		97
61) 4-Chlorophenyl-phenyle...	15.245	204	94874	20.871	ng	#	84
62) 4-Nitroaniline	15.286	138	49355	22.192	ng	#	79
63) Azobenzene	15.539	77	238842	25.124	ng		91
65) 4,6-Dinitro-2-methylph...	15.345	198	34843	20.757	ng	#	67
66) n-Nitrosodiphenylamine	15.468	169	169442	21.539	ng		99
67) 4-Bromophenyl-phenylether	16.145	248	55802	20.152	ng	#	85
68) Hexachlorobenzene	16.245	284	61329	19.655	ng	#	88
69) Atrazine	16.433	200	61629	21.340	ng		99
70) Pentachlorophenol	16.598	266	41328	20.258	ng		96
71) Phenanthrene	16.986	178	314024	21.189	ng		99
72) Anthracene	17.074	178	313770	21.470	ng		99
73) Carbazole	17.357	167	313322	21.658	ng		98
74) Di-n-butylphthalate	17.927	149	390773	22.994	ng	#	98
75) Fluoranthene	19.009	202	382204	20.607	ng		99
77) Benzidine	19.209	184	171335	24.001	ng		99
78) Pyrene	19.374	202	397682	22.024	ng		100
80) Butylbenzylphthalate	20.292	149	190796	24.747	ng		89
81) Benzo(a)anthracene	21.127	228	410888	21.442	ng		98
82) 3,3'-Dichlorobenzidine	21.068	252	124820	23.761	ng		98
83) Chrysene	21.180	228	399063	21.435	ng		98
84) Bis(2-ethylhexyl)phtha...	21.074	149	294330	24.641	ng		94
85) Di-n-octyl phthalate	21.933	149	500786	24.484	ng	#	94
87) Indeno(1,2,3-cd)pyrene	25.421	276	408986	19.890	ng		98
88) Benzo(b)fluoranthene	22.656	252	404632	21.221	ng		99
89) Benzo(k)fluoranthene	22.697	252	397734m	22.303	ng		
90) Benzo(a)pyrene	23.203	252	369412	21.522	ng		98
91) Dibenzo(a,h)anthracene	25.432	278	359113	20.175	ng		99
92) Benzo(g,h,i)perylene	26.068	276	336692	19.853	ng		98

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

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