Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072021\
Data File : BM031015.D
Acq On : 20 Jul 2021 09:33
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
7/21/2021 11:26:03 AM

Quant Time: Jul 20 11:24:09 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 11:22:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.640	152	53800	20.000	ng		0.00
21) Naphthalene-d8	10.404	136	231142	20.000	ng		0.00
39) Acenaphthene-d10	14.269	164	170103	20.000	ng		0.00
64) Phenanthrene-d10	17.015	188	392348	20.000	ng		0.00
76) Chrysene-d12	21.203	240	472143	20.000	ng		0.00
86) Perylene-d12	23.386	264	527153	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.257	112	59658	19.763	ng		0.00
7) Phenol-d6	6.816	99	85004	19.582	ng		0.00
23) Nitrobenzene-d5	8.787	82	91142	19.744	ng		0.00
42) 2,4,6-Tribromophenol	15.763	330	43112	19.313	ng		0.00
45) 2-Fluorobiphenyl	12.886	172	226507	19.603	ng		0.00
79) Terphenyl-d14	19.651	244	461484	19.026	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	11842	9.865	ng	#	86
3) Pyridine	3.628	79	34476	10.039	ng	#	89
4) n-Nitrosodimethylamine	3.546	42	20012	10.285	ng	#	77
6) Aniline	6.975	93	46457	9.953	ng		95
8) 2-Chlorophenol	7.204	128	35392	9.944	ng		97
9) Benzaldehyde	6.793	77	30093	11.760	ng		97
10) Phenol	6.840	94	41821	9.898	ng		92
11) bis(2-Chloroethyl)ether	7.075	93	32289	10.265	ng		99
12) 1,3-Dichlorobenzene	7.528	146	39953m	10.409	ng		
13) 1,4-Dichlorobenzene	7.675	146	40801	10.410	ng		93
14) 1,2-Dichlorobenzene	7.981	146	39046	10.218	ng		98
15) Benzyl Alcohol	7.881	79	35931	9.750	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.169	45	40772	10.317	ng		99
17) 2-Methylphenol	8.075	107	29000	9.648	ng		96
18) Hexachloroethane	8.704	117	14832	9.706	ng		96
19) n-Nitroso-di-n-propyla...	8.440	70	29839	9.534	ng		98
20) 3+4-Methylphenols	8.398	107	40291	9.608	ng		97
22) Acetophenone	8.451	105	57822	10.007	ng		95
24) Nitrobenzene	8.828	77	48115	10.305	ng		98
25) Isophorone	9.351	82	82162	9.879	ng		99
26) 2-Nitrophenol	9.528	139	17749	8.949	ng		95
27) 2,4-Dimethylphenol	9.592	122	30596	9.728	ng		94
28) bis(2-Chloroethoxy)met...	9.834	93	41052	9.690	ng		99
29) 2,4-Dichlorophenol	10.057	162	35539	9.642	ng		97
30) 1,2,4-Trichlorobenzene	10.269	180	40625	10.147	ng		97
31) Naphthalene	10.457	128	119481	10.015	ng		99
32) Benzoic acid	9.681	122	23556	9.223	ng	#	87
33) 4-Chloroaniline	10.569	127	50327	9.848	ng		94
34) Hexachlorobutadiene	10.739	225	26794	10.254	ng		97
35) Caprolactam	11.333	113	11292	9.268	ng		87
36) 4-Chloro-3-methylphenol	11.692	107	40232	9.570	ng		93
37) 2-Methylnaphthalene	12.069	142	91794	10.025	ng	#	96
38) 1-Methylnaphthalene	12.292	142	87385	9.993	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.439	216	46919	9.704	ng		99
41) Hexachlorocyclopentadiene	12.422	237	25657	9.394	ng		96
43) 2,4,6-Trichlorophenol	12.686	196	31719	9.391	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.757	196	35311	9.538	ng	#	92
46) 1,1'-Biphenyl	13.098	154	121443	10.030	ng		99
47) 2-Chloronaphthalene	13.133	162	93952	9.783	ng		94
48) 2-Nitroaniline	13.345	65	27111	9.005	ng		98
49) Acenaphthylene	13.986	152	149111	9.777	ng		99
50) Dimethylphthalate	13.733	163	128848	10.107	ng	#	99
51) 2,6-Dinitrotoluene	13.851	165	27656	9.751	ng	#	80
52) Acenaphthene	14.333	154	94552	9.933	ng		97
53) 3-Nitroaniline	14.180	138	27221	9.497	ng		95
54) 2,4-Dinitrophenol	14.380	184	14324	8.689	ng	#	91
55) Dibenzofuran	14.669	168	157788	10.091	ng		92
56) 4-Nitrophenol	14.486	139	23779	9.442	ng		82
57) 2,4-Dinitrotoluene	14.639	165	37736	9.488	ng	#	84
58) Fluorene	15.321	166	127521	9.674	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.898	232	33049m	9.564	ng		
60) Diethylphthalate	15.110	149	137270	10.023	ng		97
61) 4-Chlorophenyl-phenyle...	15.321	204	64586	9.739	ng	#	87
62) 4-Nitroaniline	15.345	138	29862	9.531	ng	#	85
63) Azobenzene	15.616	77	137503	10.169	ng		93
65) 4,6-Dinitro-2-methylph...	15.398	198	21170	8.600	ng		85
66) n-Nitrosodiphenylamine	15.539	169	115310	9.853	ng		99
67) 4-Bromophenyl-phenylether	16.215	248	40983	9.912	ng	#	91
68) Hexachlorobenzene	16.315	284	46719	10.099	ng		93
69) Atrazine	16.498	200	41800	9.846	ng		95
70) Pentachlorophenol	16.663	266	26919	8.917	ng		92
71) Phenanthrene	17.057	178	216261	9.969	ng		99
72) Anthracene	17.145	178	209437	9.786	ng		100
73) Carbazole	17.421	167	212616	10.134	ng		98
74) Di-n-butylphthalate	17.998	149	236980	9.480	ng		98
75) Fluoranthene	19.074	202	269197	10.065	ng		100
77) Benzidine	19.268	184	120127	9.782	ng		99
78) Pyrene	19.439	202	285447	9.500	ng		99
80) Butylbenzylphthalate	20.356	149	110806	8.613	ng		97
81) Benzo(a)anthracene	21.186	228	313878	10.052	ng		98
82) 3,3'-Dichlorobenzidine	21.127	252	81852	9.619	ng		97
83) Chrysene	21.239	228	299273	9.853	ng		97
84) Bis(2-ethylhexyl)phtha...	21.139	149	176054	8.902	ng		97
85) Di-n-octyl phthalate	22.003	149	309888	9.261	ng		98
87) Indeno(1,2,3-cd)pyrene	25.544	276	370684	10.108	ng		100
88) Benzo(b)fluoranthene	22.733	252	343187	9.776	ng		99
89) Benzo(k)fluoranthene	22.774	252	308637	9.224	ng		99
90) Benzo(a)pyrene	23.286	252	305144	9.634	ng		98
91) Dibenzo(a,h)anthracene	25.562	278	320924	10.128	ng		98
92) Benzo(g,h,i)perylene	26.209	276	311043	10.347	ng		96

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

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