Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090821\
Data File : BM032099.D
Acq On : 08 Sep 2021 16:58
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
9/9/2021 11:51:44 AM

Quant Time: Sep 08 17:29:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM090821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 08 17:04:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.363	152	76401	20.000	ng		0.00
21) Naphthalene-d8	10.116	136	300689	20.000	ng	#	0.00
39) Acenaphthene-d10	14.022	164	201102	20.000	ng		0.00
64) Phenanthrene-d10	16.786	188	391562	20.000	ng		0.00
76) Chrysene-d12	21.009	240	331662	20.000	ng		0.00
86) Perylene-d12	23.103	264	300005	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.005	112	410248	85.765	ng		0.00
7) Phenol-d6	6.569	99	639090	93.178	ng		0.00
23) Nitrobenzene-d5	8.522	82	680423	102.359	ng		0.00
42) 2,4,6-Tribromophenol	15.533	330	159169	73.321	ng		0.00
45) 2-Fluorobiphenyl	12.628	172	1501652	100.986	ng		0.00
79) Terphenyl-d14	19.451	244	1988702	96.394	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.022	88	89878	47.306	ng	#	86
3) Pyridine	3.399	79	251170m	50.347	ng		
4) n-Nitrosodimethylamine	3.322	42	127250	47.427	ng	#	65
6) Aniline	6.716	93	350302	47.791	ng		98
8) 2-Chlorophenol	6.934	128	230640	41.633	ng		96
9) Benzaldehyde	6.534	77	168938	40.159	ng		97
10) Phenol	6.599	94	321512	47.250	ng		96
11) bis(2-Chloroethyl)ether	6.822	93	238633	45.949	ng		98
12) 1,3-Dichlorobenzene	7.252	146	280607	47.752	ng		97
13) 1,4-Dichlorobenzene	7.399	146	286312	47.480	ng		98
14) 1,2-Dichlorobenzene	7.704	146	278294	47.703	ng		98
15) Benzyl Alcohol	7.622	79	256833	49.664	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.904	45	341746	47.927	ng		96
17) 2-Methylphenol	7.822	107	214490	46.564	ng		99
18) Hexachloroethane	8.410	117	108388	46.056	ng	#	87
19) n-Nitroso-di-n-propyla...	8.181	70	231366	47.605	ng		93
20) 3+4-Methylphenols	8.151	107	290068	45.587	ng		99
22) Acetophenone	8.187	105	422421	51.710	ng	#	94
24) Nitrobenzene	8.563	77	353312	52.283	ng		99
25) Isophorone	9.081	82	612618	52.371	ng		100
26) 2-Nitrophenol	9.257	139	80868	28.918	ng		94
27) 2,4-Dimethylphenol	9.334	122	201548	47.194	ng		93
28) bis(2-Chloroethoxy)met...	9.569	93	307682	50.019	ng		99
29) 2,4-Dichlorophenol	9.787	162	233526	48.724	ng		96
30) 1,2,4-Trichlorobenzene	9.987	180	296260	56.637	ng		98
31) Naphthalene	10.169	128	807983	48.529	ng		99
32) Benzoic acid	9.516	122	79788	23.273	ng		93
33) 4-Chloroaniline	10.304	127	315838	46.642	ng		98
34) Hexachlorobutadiene	10.445	225	199855	63.050	ng		97
35) Caprolactam	11.122	113	62973m	41.908	ng		
36) 4-Chloro-3-methylphenol	11.439	107	265506	47.343	ng		100
37) 2-Methylnaphthalene	11.792	142	579552	48.021	ng		98
38) 1-Methylnaphthalene	12.016	142	547974	47.574	ng		98
40) 1,2,4,5-Tetrachloroben...	12.175	216	328488	56.579	ng	#	96
41) Hexachlorocyclopentadiene	12.139	237	112703	41.898	ng		94
43) 2,4,6-Trichlorophenol	12.434	196	142542	34.522	ng		96

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44) 2,4,5-Trichlorophenol	12.504	196	182705	40.732	ng		94
46) 1,1'-Biphenyl	12.845	154	746313	47.389	ng		99
47) 2-Chloronaphthalene	12.881	162	614992	49.545	ng		96
48) 2-Nitroaniline	13.110	65	173305	43.685	ng		100
49) Acenaphthylene	13.739	152	918492	46.836	ng		99
50) Dimethylphthalate	13.510	163	703216	45.253	ng	#	99
51) 2,6-Dinitrotoluene	13.633	165	155238	44.529	ng	#	76
52) Acenaphthene	14.092	154	566686	47.133	ng		96
53) 3-Nitroaniline	13.963	138	139218	40.606	ng		97
54) 2,4-Dinitrophenol	14.180	184	44255	22.745	ng	#	78
55) Dibenzofuran	14.433	168	939958	48.087	ng		93
56) 4-Nitrophenol	14.286	139	74838	27.273	ng		96
57) 2,4-Dinitrotoluene	14.433	165	202257	42.711	ng		89
58) Fluorene	15.086	166	734225	46.418	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.669	232	116476	30.670	ng	#	80
60) Diethylphthalate	14.886	149	699245	42.983	ng		95
61) 4-Chlorophenyl-phenyle...	15.092	204	394717	51.768	ng		89
62) 4-Nitroaniline	15.139	138	129568	38.620	ng		93
63) Azobenzene	15.386	77	823844	45.914	ng		94
65) 4,6-Dinitro-2-methylph...	15.198	198	67959	26.019	ng		81
66) n-Nitrosodiphenylamine	15.316	169	623096	47.257	ng		96
67) 4-Bromophenyl-phenylether	15.992	248	226071	54.252	ng	#	89
68) Hexachlorobenzene	16.086	284	249192	55.956	ng	#	86
69) Atrazine	16.286	200	192973	46.863	ng		94
70) Pentachlorophenol	16.445	266	87424	31.399	ng		96
71) Phenanthrene	16.827	178	1060938	45.617	ng		99
72) Anthracene	16.921	178	1072484	47.308	ng		100
73) Carbazole	17.204	167	968155	44.442	ng		97
74) Di-n-butylphthalate	17.780	149	1065320	40.727	ng		99
75) Fluoranthene	18.863	202	1196010	47.252	ng		98
77) Benzidine	19.074	184	356146	43.755	ng		99
78) Pyrene	19.227	202	1215254	46.097	ng		100
80) Butylbenzylphthalate	20.162	149	399615	35.673	ng		97
81) Benzo(a)anthracene	20.992	228	1075307	45.515	ng		99
82) 3,3'-Dichlorobenzidine	20.939	252	310636	47.463	ng		96
83) Chrysene	21.045	228	1151684	50.044	ng		99
84) Bis(2-ethylhexyl)phtha...	20.951	149	615532	38.038	ng	#	95
85) Di-n-octyl phthalate	21.798	149	976619	38.205	ng		96
87) Indeno(1,2,3-cd)pyrene	25.150	276	1022164	48.979	ng		96
88) Benzo(b)fluoranthene	22.492	252	989702m	44.588	ng		
89) Benzo(k)fluoranthene	22.533	252	1121784	52.791	ng		98
90) Benzo(a)pyrene	23.015	252	944077	48.478	ng		99
91) Dibenzo(a,h)anthracene	25.162	278	893244	49.351	ng		99
92) Benzo(g,h,i)perylene	25.768	276	862893	50.615	ng		97

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

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