Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071921\
Data File : BM031009.D
Acq On : 19 Jul 2021 17:23
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
7/20/2021 11:38:26 AM

Quant Time: Jul 19 17:54:32 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 19 16:47:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.640	152	99831	20.000	ng		0.00
21) Naphthalene-d8	10.410	136	441064	20.000	ng		0.00
39) Acenaphthene-d10	14.275	164	319014	20.000	ng		0.00
64) Phenanthrene-d10	17.022	188	703759	20.000	ng		0.00
76) Chrysene-d12	21.215	240	766705	20.000	ng		0.00
86) Perylene-d12	23.392	264	751625	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.264	112	658808	107.281	ng		0.00
7) Phenol-d6	6.834	99	980847	110.333	ng		0.00
23) Nitrobenzene-d5	8.799	82	1058456	116.912	ng		0.00
42) 2,4,6-Tribromophenol	15.775	330	522547	130.282	ng		0.00
45) 2-Fluorobiphenyl	12.898	172	2628783	108.365	ng		0.00
79) Terphenyl-d14	19.663	244	4828097	110.607	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	123396	46.482	ng		95
3) Pyridine	3.628	79	373704m	55.145	ng		
4) n-Nitrosodimethylamine	3.546	42	214765	62.428	ng		91
6) Aniline	6.987	93	517884	51.049	ng		100
8) 2-Chlorophenol	7.216	128	395485	54.871	ng		98
9) Benzaldehyde	6.799	77	249639	67.232	ng		96
10) Phenol	6.858	94	468648	52.184	ng		94
11) bis(2-Chloroethyl)ether	7.087	93	340921	48.180	ng		96
12) 1,3-Dichlorobenzene	7.534	146	415806	52.363	ng		97
13) 1,4-Dichlorobenzene	7.681	146	423324	52.312	ng		97
14) 1,2-Dichlorobenzene	7.993	146	417767	53.070	ng		98
15) Benzyl Alcohol	7.887	79	413088	66.213	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.175	45	428479	37.632	ng		98
17) 2-Methylphenol	8.087	107	336210	57.770	ng		96
18) Hexachloroethane	8.705	117	167752	57.677	ng		94
19) n-Nitroso-di-n-propyla...	8.457	70	349504	59.214	ng		99
20) 3+4-Methylphenols	8.422	107	473231	59.765	ng		98
22) Acetophenone	8.463	105	660975	56.089	ng	#	96
24) Nitrobenzene	8.840	77	526341	55.732	ng		99
25) Isophorone	9.363	82	956777	55.140	ng		98
26) 2-Nitrophenol	9.534	139	240573	66.591	ng		91
27) 2,4-Dimethylphenol	9.604	122	354152	52.728	ng		96
28) bis(2-Chloroethoxy)met...	9.846	93	481218	48.776	ng		99
29) 2,4-Dichlorophenol	10.063	162	431052	57.249	ng		97
30) 1,2,4-Trichlorobenzene	10.275	180	460328	53.561	ng		99
31) Naphthalene	10.463	128	1364848	53.122	ng		99
32) Benzoic acid	9.799	122	320565	78.171	ng		98
33) 4-Chloroaniline	10.581	127	594447	56.851	ng		98
34) Hexachlorobutadiene	10.746	225	292335	56.981	ng		98
35) Caprolactam	11.398	113	142999m	60.496	ng		
36) 4-Chloro-3-methylphenol	11.710	107	489720	62.092	ng		94
37) 2-Methylnaphthalene	12.081	142	1065884	56.542	ng		98
38) 1-Methylnaphthalene	12.298	142	1011320	56.325	ng		99
40) 1,2,4,5-Tetrachloroben...	12.451	216	542791	52.787	ng		99
41) Hexachlorocyclopentadiene	12.428	237	288272	51.130	ng		99
43) 2,4,6-Trichlorophenol	12.698	196	391046	56.252	ng		99

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44) 2,4,5-Trichlorophenol	12.769	196	423548	55.546	ng		95
46) 1,1'-Biphenyl	13.110	154	1359481	52.623	ng		99
47) 2-Chloronaphthalene	13.145	162	1077752	51.612	ng		95
48) 2-Nitroaniline	13.357	65	352577	62.821	ng		94
49) Acenaphthylene	13.998	152	1723263	53.870	ng		99
50) Dimethylphthalate	13.751	163	1408179	55.466	ng		99
51) 2,6-Dinitrotoluene	13.863	165	321388	57.426	ng	#	85
52) Acenaphthene	14.345	154	1075757	52.647	ng		98
53) 3-Nitroaniline	14.198	138	331473	59.681	ng		99
54) 2,4-Dinitrophenol	14.398	184	203261	66.264	ng		94
55) Dibenzofuran	14.681	168	1739260	53.495	ng		95
56) 4-Nitrophenol	14.510	139	289670	60.954	ng		90
57) 2,4-Dinitrotoluene	14.657	165	460841	66.513	ng		88
58) Fluorene	15.328	166	1499057	55.887	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.904	232	389445	59.011	ng		93
60) Diethylphthalate	15.122	149	1526055	60.129	ng		98
61) 4-Chlorophenyl-phenyle...	15.328	204	742729	56.185	ng	#	87
62) 4-Nitroaniline	15.369	138	361089	63.334	ng		90
63) Azobenzene	15.622	77	1497134	58.403	ng		94
65) 4,6-Dinitro-2-methylph...	15.416	198	287589	61.139	ng		83
66) n-Nitrosodiphenylamine	15.551	169	1283772	52.454	ng		99
67) 4-Bromophenyl-phenylether	16.222	248	452566	55.183	ng		93
68) Hexachlorobenzene	16.328	284	504430	54.244	ng		98
69) Atrazine	16.510	200	457541	69.805	ng		96
70) Pentachlorophenol	16.675	266	345100	63.405	ng		98
71) Phenanthrene	17.069	178	2361940	53.337	ng		100
72) Anthracene	17.157	178	2340398	54.431	ng		99
73) Carbazole	17.433	167	2262330	55.173	ng		99
74) Di-n-butylphthalate	18.004	149	2785723	65.164	ng		98
75) Fluoranthene	19.086	202	2906606	57.825	ng		99
77) Benzidine	19.280	184	1179695	86.962	ng		99
78) Pyrene	19.445	202	2999755	51.633	ng		98
80) Butylbenzylphthalate	20.363	149	1341462	64.179	ng		96
81) Benzo(a)anthracene	21.198	228	3031802	54.332	ng		98
82) 3,3'-Dichlorobenzidine	21.139	252	851860	50.428	ng		100
83) Chrysene	21.251	228	2966982	54.711	ng		98
84) Bis(2-ethylhexyl)phtha...	21.145	149	2047778	65.186	ng		97
85) Di-n-octyl phthalate	22.015	149	3395359	69.188	ng		99
87) Indeno(1,2,3-cd)pyrene	25.586	276	3152690	55.146	ng		100
88) Benzo(b)fluoranthene	22.751	252	3058916	53.771	ng		99
89) Benzo(k)fluoranthene	22.798	252	2997207	53.945	ng		99
90) Benzo(a)pyrene	23.304	252	2780572	55.275	ng		100
91) Dibenzo(a,h)anthracene	25.592	278	2736429	55.516	ng		100
92) Benzo(g,h,i)perylene	26.245	276	2533293	54.033	ng		99

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

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