Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM061021\
Data File : BM030371.D
Acq On : 10 Jun 2021 13:05
Operator : CG/JU
Sample : M2613-14MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
18-B12(86-90)MS

Manual Integrations APPROVED
mohammad
6/11/2021 2:11:47 PM

Quant Time: Jun 10 13:47:22 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 08 20:51:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.845	152	217069	20.000	ng		0.00
21) Naphthalene-d8	10.633	136	945704	20.000	ng		0.00
39) Acenaphthene-d10	14.468	164	680023	20.000	ng		0.00
64) Phenanthrene-d10	17.203	188	1520656	20.000	ng		0.00
76) Chrysene-d12	21.368	240	1759558	20.000	ng		0.00
86) Perylene-d12	23.644	264	1635173	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1713442	128.322	ng		0.00
7) Phenol-d6	7.016	99	2154276	111.448	ng		0.00
23) Nitrobenzene-d5	9.004	82	1486318	76.567	ng		0.00
42) 2,4,6-Tribromophenol	15.956	330	1178192	137.804	ng		0.00
45) 2-Fluorobiphenyl	13.092	172	3765035	72.810	ng		0.00
79) Terphenyl-d14	19.815	244	7112253	70.996	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.357	88	204439	35.417	ng	#	16
3) Pyridine	3.763	79	475868	32.295	ng	#	86
4) n-Nitrosodimethylamine	3.657	42	307895	41.161	ng	#	83
6) Aniline	7.181	93	899387	40.772	ng		96
8) 2-Chlorophenol	7.410	128	788470	50.311	ng		99
9) Benzaldehyde	6.986	77	402087	49.802	ng		94
10) Phenol	7.039	94	898669	46.021	ng		92
11) bis(2-Chloroethyl)ether	7.269	93	762063	49.530	ng		96
12) 1,3-Dichlorobenzene	7.739	146	767340	44.441	ng		97
13) 1,4-Dichlorobenzene	7.881	146	792619	45.046	ng		99
14) 1,2-Dichlorobenzene	8.198	146	775068	45.281	ng		100
15) Benzyl Alcohol	8.086	79	700243	51.620	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.375	45	1025073	41.404	ng		91
17) 2-Methylphenol	8.286	107	665937	52.625	ng		93
18) Hexachloroethane	8.922	117	283177	44.777	ng		97
19) n-Nitroso-di-n-propyla...	8.651	70	604217	47.079	ng		96
20) 3+4-Methylphenols	8.610	107	902809	52.437	ng		96
22) Acetophenone	8.669	105	1174475	46.482	ng	#	99
24) Nitrobenzene	9.045	77	860071	42.474	ng		95
25) Isophorone	9.569	82	1616001	43.435	ng		99
26) 2-Nitrophenol	9.751	139	428550	48.312	ng		95
27) 2,4-Dimethylphenol	9.810	122	795150	55.214	ng		96
28) bis(2-Chloroethoxy)met...	10.045	93	1017805	48.115	ng		100
29) 2,4-Dichlorophenol	10.286	162	843629	52.256	ng		97
30) 1,2,4-Trichlorobenzene	10.498	180	820330	44.516	ng		99
31) Naphthalene	10.686	128	2377849	43.164	ng		99
32) Benzoic acid	9.933	122	294500	28.589	ng		91
33) 4-Chloroaniline	10.804	127	454968	20.293	ng		97
34) Hexachlorobutadiene	10.974	225	476980	43.361	ng		96
35) Caprolactam	11.598	113	233450m	42.726	ng		
36) 4-Chloro-3-methylphenol	11.916	107	869150	51.396	ng		100
37) 2-Methylnaphthalene	12.292	142	1866409	46.176	ng		98
38) 1-Methylnaphthalene	12.516	142	1730174	44.941	ng		99
40) 1,2,4,5-Tetrachloroben...	12.663	216	1003692	45.791	ng		99
41) Hexachlorocyclopentadiene	12.645	237	1163565	96.817	ng		99
43) 2,4,6-Trichlorophenol	12.904	196	736011	49.669	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.974	196	817536	50.297	ng	98
46) 1,1'-Biphenyl	13.304	154	2417178	43.893	ng	98
47) 2-Chloronaphthalene	13.345	162	1948993	43.786	ng	98
48) 2-Nitroaniline	13.551	65	598911	44.478	ng	95
49) Acenaphthylene	14.192	152	3132581	45.939	ng	99
50) Dimethylphthalate	13.933	163	2545678	47.039	ng	100
51) 2,6-Dinitrotoluene	14.045	165	570851	47.850	ng	95
52) Acenaphthene	14.533	154	1897916	43.574	ng	99
53) 3-Nitroaniline	14.374	138	533583	40.732	ng	96
54) 2,4-Dinitrophenol	14.580	184	548357	68.649	ng	87
55) Dibenzofuran	14.868	168	3045953	43.950	ng	100
56) 4-Nitrophenol	14.680	139	942938	93.082	ng	92
57) 2,4-Dinitrotoluene	14.833	165	804406	47.719	ng	95
58) Fluorene	15.515	166	2631705	46.028	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.092	232	720746	51.234	ng	96
60) Diethylphthalate	15.292	149	2582514	47.736	ng	99
61) 4-Chlorophenyl-phenyle...	15.509	204	1305531	46.330	ng	96
62) 4-Nitroaniline	15.539	138	633663	45.280	ng	86
63) Azobenzene	15.804	77	2357547	43.144	ng	96
65) 4,6-Dinitro-2-methylph...	15.592	198	407154	40.624	ng	97
66) n-Nitrosodiphenylamine	15.721	169	2267937	42.886	ng	100
67) 4-Bromophenyl-phenylether	16.398	248	753741	42.534	ng	98
68) Hexachlorobenzene	16.515	284	913235	45.449	ng	98
69) Atrazine	16.674	200	834371	58.913	ng	96
70) Pentachlorophenol	16.856	266	1282122	109.018	ng	98
71) Phenanthrene	17.251	178	4228320	44.189	ng	99
72) Anthracene	17.339	178	4363122	46.962	ng	100
73) Carbazole	17.609	167	4002958	45.180	ng	100
74) Di-n-butylphthalate	18.168	149	4637583	50.206	ng	99
75) Fluoranthene	19.256	202	5208366	47.954	ng	98
77) Benzidine	19.439	184	2640883	84.826	ng	99
78) Pyrene	19.615	202	5430501	40.730	ng	99
80) Butylbenzylphthalate	20.509	149	2255590	41.480	ng	93
81) Benzo(a)anthracene	21.350	228	5544008	43.292	ng	98
82) 3,3'-Dichlorobenzidine	21.286	252	1521541	39.247	ng	99
83) Chrysene	21.403	228	5368222	43.134	ng	97
84) Bis(2-ethylhexyl)phtha...	21.280	149	3479020	42.418	ng	100
85) Di-n-octyl phthalate	22.162	149	5906900	46.303	ng	100
87) Indeno(1,2,3-cd)pyrene	25.973	276	5305651	42.659	ng	98
88) Benzo(b)fluoranthene	22.962	252	5688892	45.967	ng	99
89) Benzo(k)fluoranthene	23.009	252	5184457	42.892	ng	98
90) Benzo(a)pyrene	23.550	252	5110613	46.698	ng	99
91) Dibenzo(a,h)anthracene	25.985	278	4518961	42.142	ng	99
92) Benzo(g,h,i)perylene	26.685	276	4250416	41.672	ng	98

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

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