Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081721\
Data File : BM031787.D
Acq On : 17 Aug 2021 18:33
Operator : CG/JU
Sample : M3424-03MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
18NMS

Manual Integrations APPROVED
mohammad
8/19/2021 1:24:39 PM

Quant Time: Aug 18 02:24:13 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 16:42:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.551	152	37701	20.000	ng		0.00
21) Naphthalene-d8	10.310	136	179302	20.000	ng		0.00
39) Acenaphthene-d10	14.186	164	132811	20.000	ng		0.00
64) Phenanthrene-d10	16.939	188	303283	20.000	ng		0.00
76) Chrysene-d12	21.139	240	292143	20.000	ng		0.00
86) Perylene-d12	23.286	264	236278	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.187	112	337355	143.618	ng		0.00
7) Phenol-d6	6.751	99	392751	115.388	ng		0.00
23) Nitrobenzene-d5	8.704	82	345940	80.785	ng		0.00
42) 2,4,6-Tribromophenol	15.692	330	231265	141.382	ng		0.00
45) 2-Fluorobiphenyl	12.798	172	821066	82.286	ng		0.00
79) Terphenyl-d14	19.586	244	1668934	96.252	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.205	88	37158	37.837	ng	#	17
3) Pyridine	3.581	79	75402	27.783	ng	#	82
4) n-Nitrosodimethylamine	3.493	42	72965	46.069	ng		84
6) Aniline	6.898	93	117831	31.660	ng		96
8) 2-Chlorophenol	7.122	128	127683	46.421	ng		95
9) Benzaldehyde	6.716	77	73219	30.308	ng		98
10) Phenol	6.775	94	141058	41.716	ng		88
11) bis(2-Chloroethyl)ether	6.998	93	110722	43.591	ng		93
12) 1,3-Dichlorobenzene	7.434	146	119036	40.460	ng	#	92
13) 1,4-Dichlorobenzene	7.581	146	123824	40.847	ng		96
14) 1,2-Dichlorobenzene	7.893	146	121591	40.834	ng		96
15) Benzyl Alcohol	7.798	79	136453	46.554	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.081	45	148459	40.905	ng		96
17) 2-Methylphenol	7.998	107	110219	46.096	ng		93
18) Hexachloroethane	8.604	117	51396	40.902	ng		89
19) n-Nitroso-di-n-propyla...	8.357	70	112800	41.969	ng		93
20) 3+4-Methylphenols	8.328	107	153577	45.694	ng		94
22) Acetophenone	8.369	105	214868	42.203	ng	#	91
24) Nitrobenzene	8.745	77	177248	40.442	ng		95
25) Isophorone	9.269	82	298916	38.918	ng		98
26) 2-Nitrophenol	9.440	139	73279	42.475	ng	#	77
27) 2,4-Dimethylphenol	9.510	122	133888	50.752	ng		93
28) bis(2-Chloroethoxy)met...	9.745	93	172931	46.792	ng		99
29) 2,4-Dichlorophenol	9.969	162	138657	46.261	ng		96
30) 1,2,4-Trichlorobenzene	10.175	180	132926	41.531	ng		98
31) Naphthalene	10.357	128	425156	41.415	ng		99
32) Benzoic acid	9.687	122	86752	36.729	ng		94
33) 4-Chloroaniline	10.486	127	57167	13.397	ng		95
34) Hexachlorobutadiene	10.634	225	83634	40.924	ng		93
35) Caprolactam	11.304	113	37854m	36.372	ng		
36) 4-Chloro-3-methylphenol	11.616	107	167329	45.022	ng		87
37) 2-Methylnaphthalene	11.980	142	333972	43.474	ng	#	95
38) 1-Methylnaphthalene	12.198	142	317546	43.280	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.351	216	167449	44.387	ng	#	96
41) Hexachlorocyclopentadiene	12.322	237	183799	97.386	ng		99
43) 2,4,6-Trichlorophenol	12.604	196	121947	43.852	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.675	196	135501	44.587	ng	#	89
46) 1,1'-Biphenyl	13.010	154	440871	42.183	ng		98
47) 2-Chloronaphthalene	13.051	162	351814	42.878	ng	#	92
48) 2-Nitroaniline	13.275	65	136509	44.830	ng		88
49) Acenaphthylene	13.904	152	595843	44.357	ng		99
50) Dimethylphthalate	13.663	163	494812	44.712	ng		99
51) 2,6-Dinitrotoluene	13.786	165	105441	42.904	ng	#	77
52) Acenaphthene	14.251	154	355950	43.497	ng		99
53) 3-Nitroaniline	14.116	138	71632	28.387	ng		91
54) 2,4-Dinitrophenol	14.327	184	95098	65.639	ng	#	78
55) Dibenzofuran	14.592	168	596068	43.589	ng		93
56) 4-Nitrophenol	14.439	139	175533	81.547	ng	#	70
57) 2,4-Dinitrotoluene	14.580	165	159697	45.119	ng	#	64
58) Fluorene	15.245	166	516531	45.501	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.822	232	122170	44.332	ng	#	85
60) Diethylphthalate	15.039	149	561373	46.150	ng		98
61) 4-Chlorophenyl-phenyle...	15.245	204	251679	45.929	ng	#	84
62) 4-Nitroaniline	15.292	138	107221	41.355	ng	#	82
63) Azobenzene	15.539	77	592774	44.023	ng		92
65) 4,6-Dinitro-2-methylph...	15.345	198	71231	34.356	ng	#	71
66) n-Nitrosodiphenylamine	15.469	169	426913	42.815	ng		99
67) 4-Bromophenyl-phenylether	16.139	248	147554	45.707	ng	#	89
68) Hexachlorobenzene	16.245	284	156495	44.316	ng	#	91
69) Atrazine	16.433	200	167249	47.133	ng		98
70) Pentachlorophenol	16.592	266	218304	92.035	ng		96
71) Phenanthrene	16.980	178	812356	43.919	ng		100
72) Anthracene	17.074	178	838746	46.255	ng		99
73) Carbazole	17.351	167	776647	42.753	ng		98
74) Di-n-butylphthalate	17.921	149	1077330	47.614	ng	#	98
75) Fluoranthene	19.004	202	973415	43.936	ng		98
77) Benzidine	19.204	184	177366	20.430	ng		99
78) Pyrene	19.368	202	991666	46.856	ng		99
80) Butylbenzylphthalate	20.292	149	501238	49.415	ng		95
81) Benzo(a)anthracene	21.121	228	946629	44.238	ng		98
82) 3,3'-Dichlorobenzidine	21.068	252	217183	32.843	ng		98
83) Chrysene	21.174	228	912492	43.747	ng		99
84) Bis(2-ethylhexyl)phtha...	21.068	149	776069	49.510	ng	#	94
85) Di-n-octyl phthalate	21.927	149	1210565	46.741	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.415	276	737418	44.287	ng		99
88) Benzo(b)fluoranthene	22.650	252	860550	48.508	ng		99
89) Benzo(k)fluoranthene	22.697	252	783754	45.773	ng		99
90) Benzo(a)pyrene	23.197	252	756611	48.171	ng		98
91) Dibenzo(a,h)anthracene	25.427	278	645375	44.071	ng		100
92) Benzo(g,h,i)perylene	26.062	276	601963	45.141	ng		98

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

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