Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121021\
Data File : BM033407.D
Acq On : 10 Dec 2021 22:50
Operator : CG/JU
Sample : M4927-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PH1-BOT-6MS

Quant Time: Dec 11 02:15:55 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM120821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 09 07:11:07 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.901	152	82004	20.000	ng		-0.01
21) Naphthalene-d8	10.701	136	336379	20.000	ng		0.00
39) Acenaphthene-d10	14.530	164	189270	20.000	ng		0.00
64) Phenanthrene-d10	17.271	188	358529	20.000	ng		0.00
76) Chrysene-d12	21.430	240	339684	20.000	ng		#-0.01
86) Perylene-d12	23.747	264	320837	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.490	112	240459	48.105	ng		0.00
7) Phenol-d6	7.078	99	608397	87.291	ng		-0.01
23) Nitrobenzene-d5	9.066	82	607878	76.731	ng		-0.01
42) 2,4,6-Tribromophenol	16.018	330	213550	105.474	ng		0.00
45) 2-Fluorobiphenyl	13.154	172	1163533	85.035	ng		0.00
79) Terphenyl-d14	19.877	244	1417836	77.331	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.396	88	24574	11.031	ng	#	86
3) Pyridine	3.801	79	65873	11.646	ng		86
4) n-Nitrosodimethylamine	3.713	42	34936	10.598	ng	#	50
6) Aniline	7.237	93	209096	26.697	ng		94
8) 2-Chlorophenol	7.472	128	203347	38.571	ng		92
9) Benzaldehyde	7.048	77	132666	31.317	ng		96
10) Phenol	7.107	94	278597	40.043	ng		89
11) bis(2-Chloroethyl)ether	7.331	93	238446	43.667	ng		93
12) 1,3-Dichlorobenzene	7.789	146	298921	48.244	ng		97
13) 1,4-Dichlorobenzene	7.936	146	309269	49.122	ng		96
14) 1,2-Dichlorobenzene	8.254	146	305453	49.591	ng		98
15) Benzyl Alcohol	8.148	79	207099	35.916	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.425	45	425256	44.086	ng		97
17) 2-Methylphenol	8.348	107	207570	43.817	ng		93
18) Hexachloroethane	8.978	117	138354	55.962	ng		98
19) n-Nitroso-di-n-propyla...	8.713	70	207242	41.546	ng		96
20) 3+4-Methylphenols	8.678	107	275058	42.787	ng		94
22) Acetophenone	8.731	105	435837	47.889	ng	#	95
24) Nitrobenzene	9.107	77	357237	47.116	ng		98
25) Isophorone	9.636	82	570385	47.408	ng		98
26) 2-Nitrophenol	9.819	139	110919	39.803	ng	#	86
27) 2,4-Dimethylphenol	9.878	122	202618	45.651	ng		94
28) bis(2-Chloroethoxy)met...	10.113	93	359657	47.331	ng		98
29) 2,4-Dichlorophenol	10.348	162	222875	43.408	ng		99
30) 1,2,4-Trichlorobenzene	10.560	180	280082	46.297	ng		99
31) Naphthalene	10.748	128	898114	49.958	ng		99
32) Benzoic acid	10.030	122	109238	33.986	ng		87
33) 4-Chloroaniline	10.866	127	149519	21.450	ng		94
34) Hexachlorobutadiene	11.025	225	169387	44.329	ng		98
35) Caprolactam	11.672	113	60633	60.602	ng		91
36) 4-Chloro-3-methylphenol	11.989	107	251820	40.831	ng		95
37) 2-Methylnaphthalene	12.354	142	609351	49.585	ng		98
38) 1-Methylnaphthalene	12.571	142	564266	46.564	ng		100
40) 1,2,4,5-Tetrachloroben...	12.719	216	282781	50.565	ng		98
41) Hexachlorocyclopentadiene	12.695	237	341328	114.555	ng		99
43) 2,4,6-Trichlorophenol	12.966	196	164994	44.564	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.036	196	181556	45.743	ng		97
46) 1,1'-Biphenyl	13.366	154	738819	51.250	ng		99
47) 2-Chloronaphthalene	13.407	162	567506	51.322	ng		99
48) 2-Nitroaniline	13.618	65	131663	33.584	ng		94
49) Acenaphthylene	14.254	152	901447	51.824	ng		99
50) Dimethylphthalate	13.989	163	648079	47.130	ng		98
51) 2,6-Dinitrotoluene	14.113	165	125401	44.699	ng		97
52) Acenaphthene	14.595	154	536901	50.908	ng		98
53) 3-Nitroaniline	14.448	138	96794	33.114	ng		97
54) 2,4-Dinitrophenol	14.648	184	102211	65.827	ng		94
55) Dibenzofuran	14.930	168	848910	48.426	ng		97
56) 4-Nitrophenol	14.760	139	214111	97.050	ng		89
57) 2,4-Dinitrotoluene	14.895	165	174527	47.186	ng		98
58) Fluorene	15.577	166	687013	49.797	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.154	232	146445	42.630	ng		99
60) Diethylphthalate	15.348	149	650371	46.920	ng		100
61) 4-Chlorophenyl-phenyle...	15.565	204	320353	45.560	ng		99
62) 4-Nitroaniline	15.607	138	108240	35.254	ng		89
63) Azobenzene	15.860	77	761724	47.572	ng		96
65) 4,6-Dinitro-2-methylph...	15.654	198	66520	32.835	ng		96
66) n-Nitrosodiphenylamine	15.783	169	553409	50.966	ng		99
67) 4-Bromophenyl-phenylether	16.459	248	183608	48.743	ng		98
68) Hexachlorobenzene	16.571	284	198674	48.668	ng		96
69) Atrazine	16.736	200	154927	69.747	ng		98
70) Pentachlorophenol	16.918	266	217459	96.943	ng		98
71) Phenanthrene	17.312	178	1009674	50.301	ng		99
72) Anthracene	17.401	178	1003399	51.165	ng		99
73) Carbazole	17.671	167	910885	48.207	ng		99
74) Di-n-butylphthalate	18.224	149	1037376	50.187	ng		99
75) Fluoranthene	19.318	202	1105876	49.565	ng		99
77) Benzidine	19.506	184	38750	8.463	ng	#	94
78) Pyrene	19.677	202	1150550	48.363	ng		99
80) Butylbenzylphthalate	20.565	149	291067	31.026	ng		92
81) Benzo(a)anthracene	21.418	228	1035625	46.424	ng		99
82) 3,3'-Dichlorobenzidine	21.353	252	215508	21.328	ng		100
83) Chrysene	21.465	228	1027151	47.649	ng		100
84) Bis(2-ethylhexyl)phtha...	21.336	149	519407	39.554	ng		100
85) Di-n-octyl phthalate	22.236	149	961263	43.897	ng		99
87) Indeno(1,2,3-cd)pyrene	26.124	276	1108703	50.383	ng		97
88) Benzo(b)fluoranthene	23.047	252	1052340	52.093	ng		98
89) Benzo(k)fluoranthene	23.094	252	1016451	50.937	ng		98
90) Benzo(a)pyrene	23.647	252	986647	59.151	ng		98
91) Dibenzo(a,h)anthracene	26.141	278	951527	51.246	ng		97
92) Benzo(g,h,i)perylene	26.853	276	933790	51.422	ng	#	95

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

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