Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110421\
Data File : BM032881.D
Acq On : 04 Nov 2021 18:48
Operator : CG/JU
Sample : M4499-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WEL-BRIDGEMS

Quant Time: Nov 07 08:50:46 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 02 16:07:18 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.489	152	114849	20.000	ng		0.00
21) Naphthalene-d8	10.266	136	433598	20.000	ng	#	0.00
39) Acenaphthene-d10	14.148	164	252770	20.000	ng		0.00
64) Phenanthrene-d10	16.883	188	471912	20.000	ng		-0.01
76) Chrysene-d12	21.071	240	418894	20.000	ng		0.00
86) Perylene-d12	23.177	264	452933	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.084	112	949436	144.123	ng		0.00
7) Phenol-d6	6.695	99	1105075	112.644	ng		0.00
23) Nitrobenzene-d5	8.642	82	804027	101.492	ng		0.00
42) 2,4,6-Tribromophenol	15.642	330	381824	134.879	ng		0.00
45) 2-Fluorobiphenyl	12.760	172	1697478	104.157	ng		0.00
79) Terphenyl-d14	19.518	244	2019788	105.271	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.931	88	130701	52.860	ng		89
3) Pyridine	3.337	79	229061	29.679	ng		90
4) n-Nitrosodimethylamine	3.243	42	166490	50.832	ng	#	69
6) Aniline	6.819	93	243777	22.256	ng		94
8) 2-Chlorophenol	7.060	128	383152	49.917	ng		94
9) Benzaldehyde	6.625	77	233662	42.202	ng		87
10) Phenol	6.725	94	416175	44.199	ng		85
11) bis(2-Chloroethyl)ether	6.919	93	367213	49.394	ng		94
12) 1,3-Dichlorobenzene	7.378	146	424802	50.089	ng	#	92
13) 1,4-Dichlorobenzene	7.519	146	441836	50.854	ng		98
14) 1,2-Dichlorobenzene	7.842	146	420023	49.126	ng		97
15) Benzyl Alcohol	7.736	79	333314	47.731	ng		89
16) 2,2'-oxybis(1-Chloropr...	8.019	45	504500	47.211	ng		98
17) 2-Methylphenol	7.960	107	305876	46.244	ng	#	92
18) Hexachloroethane	8.566	117	160355	52.195	ng	#	90
19) n-Nitroso-di-n-propyla...	8.301	70	266236	44.324	ng	#	86
20) 3+4-Methylphenols	8.289	107	395507	43.687	ng		94
22) Acetophenone	8.313	105	546947	51.640	ng	#	88
24) Nitrobenzene	8.683	77	419520	55.269	ng	#	89
25) Isophorone	9.207	82	709325	50.670	ng		95
26) 2-Nitrophenol	9.395	139	202055	57.021	ng	#	76
27) 2,4-Dimethylphenol	9.478	122	341374	58.549	ng		94
28) bis(2-Chloroethoxy)met...	9.689	93	457274	48.890	ng		100
29) 2,4-Dichlorophenol	9.930	162	345163	51.619	ng		97
30) 1,2,4-Trichlorobenzene	10.142	180	390644	52.565	ng		97
31) Naphthalene	10.319	128	1170953	52.027	ng		100
32) Benzoic acid	9.607	122	57100	12.110	ng	#	81
33) 4-Chloroaniline	10.436	127	97303	10.353	ng		94
34) Hexachlorobutadiene	10.619	225	238324	52.753	ng		97
35) Caprolactam	11.207	113	83349	37.172	ng		87
36) 4-Chloro-3-methylphenol	11.589	107	358352	46.848	ng		98
37) 2-Methylnaphthalene	11.942	142	813894	51.453	ng		95
38) 1-Methylnaphthalene	12.166	142	746526	47.717	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.330	216	391946	56.089	ng		98
41) Hexachlorocyclopentadiene	12.313	237	461683	125.805	ng		99
43) 2,4,6-Trichlorophenol	12.577	196	266965	54.593	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.648	196	284985	52.734	ng	#	92
46) 1,1'-Biphenyl	12.971	154	983872	53.863	ng		100
47) 2-Chloronaphthalene	13.013	162	774340	55.217	ng		98
48) 2-Nitroaniline	13.224	65	224536	54.492	ng	#	79
49) Acenaphthylene	13.865	152	1224624	54.427	ng		99
50) Dimethylphthalate	13.613	163	916438	49.829	ng		100
51) 2,6-Dinitrotoluene	13.724	165	201350	53.562	ng	#	66
52) Acenaphthene	14.213	154	710398	53.003	ng		99
53) 3-Nitroaniline	14.054	138	107719	26.330	ng		88
54) 2,4-Dinitrophenol	14.265	184	65514	28.607	ng	#	66
55) Dibenzofuran	14.548	168	1140295	50.679	ng		94
56) 4-Nitrophenol	14.395	139	307695	92.300	ng	#	72
57) 2,4-Dinitrotoluene	14.518	165	275863	54.173	ng	#	60
58) Fluorene	15.201	166	863807	51.208	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.789	232	237402	49.003	ng	#	84
60) Diethylphthalate	14.983	149	906787	49.185	ng		96
61) 4-Chlorophenyl-phenyle...	15.195	204	431015	48.328	ng		92
62) 4-Nitroaniline	15.224	138	189143	43.981	ng	#	73
63) Azobenzene	15.483	77	875340	49.624	ng		88
65) 4,6-Dinitro-2-methylph...	15.289	198	74730	25.121	ng	#	77
66) n-Nitrosodiphenylamine	15.412	169	767585	55.484	ng		97
67) 4-Bromophenyl-phenylether	16.083	248	265653	54.776	ng		93
68) Hexachlorobenzene	16.212	284	293753	55.263	ng	#	86
69) Atrazine	16.365	200	266700	57.422	ng		95
70) Pentachlorophenol	16.554	266	342432	102.946	ng		98
71) Phenanthrene	16.924	178	1335514	53.372	ng		99
72) Anthracene	17.018	178	1374230	55.642	ng		100
73) Carbazole	17.289	167	1244657	50.572	ng		98
74) Di-n-butylphthalate	17.853	149	1454237	53.881	ng	#	97
75) Fluoranthene	18.942	202	1492900	52.002	ng		97
77) Benzidine	19.130	184	362549	31.581	ng		98
78) Pyrene	19.306	202	1530788	54.546	ng		99
80) Butylbenzylphthalate	20.212	149	617053	54.704	ng		89
81) Benzo(a)anthracene	21.053	228	1386458	51.878	ng		99
82) 3,3'-Dichlorobenzidine	20.994	252	317035	37.785	ng		98
83) Chrysene	21.106	228	1380950	52.597	ng		100
84) Bis(2-ethylhexyl)phtha...	20.989	149	873404	58.046	ng	#	94
85) Di-n-octyl phthalate	21.824	149	1554375	57.925	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.265	276	1705260	60.916	ng		97
88) Benzo(b)fluoranthene	22.559	252	1462510	53.034	ng		98
89) Benzo(k)fluoranthene	22.600	252	1434996	53.382	ng		99
90) Benzo(a)pyrene	23.088	252	1445469	63.439	ng		99
91) Dibenzo(a,h)anthracene	25.265	278	1448030	62.119	ng	#	96
92) Benzo(g,h,i)perylene	25.900	276	1475429	63.635	ng	#	96

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

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