Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101321\
Data File : BM032493.D
Acq On : 13 Oct 2021 13:25
Operator : CG/JU
Sample : M4117-06MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-2(4.5-5.0)MS

Manual Integrations APPROVED
mohammad
10/14/2021 10:56:38 AM

Quant Time: Oct 13 16:35:42 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 12:02:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.601	152	262197	20.00	ng		0.00
21) Naphthalene-d8	10.389	136	988334	20.00	ng		# 0.00
39) Acenaphthene-d10	14.254	164	538122	20.00	ng		0.00
64) Phenanthrene-d10	16.977	188	963699	20.00	ng		# 0.00
76) Chrysene-d12	21.148	240	768472	20.00	ng		0.00
86) Perylene-d12	23.289	264	762668	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.178	112	1549945	99.60	ng		0.00
7) Phenol-d6	6.801	99	1925653	90.49	ng		0.00
23) Nitrobenzene-d5	8.760	82	1203933	67.75	ng		0.00
42) 2,4,6-Tribromophenol	15.736	330	540524	89.72	ng		0.00
45) 2-Fluorobiphenyl	12.866	172	2382159	65.82	ng		0.00
79) Terphenyl-d14	19.595	244	2471033	67.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.990	88	273905	41.36	ng		90
3) Pyridine	3.402	79	608341	33.95	ng		94
4) n-Nitrosodimethylamine	3.313	42	310450	43.20	ng	#	58
6) Aniline	6.931	93	864116	36.75	ng		91
8) 2-Chlorophenol	7.172	128	777905	45.87	ng		93
9) Benzaldehyde	6.731	77	449050	36.15	ng		83
10) Phenol	6.825	94	927914	45.29	ng		82
11) bis(2-Chloroethyl)ether	7.025	93	746134	45.79	ng		92
12) 1,3-Dichlorobenzene	7.495	146	871267	45.57	ng	#	91
13) 1,4-Dichlorobenzene	7.637	146	887745	45.63	ng		97
14) 1,2-Dichlorobenzene	7.960	146	847011	45.35	ng		97
15) Benzyl Alcohol	7.848	79	642549	44.09	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.137	45	931126	45.10	ng		97
17) 2-Methylphenol	8.066	107	618634	44.68	ng	#	90
18) Hexachloroethane	8.684	117	328829	49.64	ng		95
19) n-Nitroso-di-n-propyla...	8.413	70	515533	44.56	ng	#	82
20) 3+4-Methylphenols	8.395	107	804325	43.06	ng		94
22) Acetophenone	8.425	105	1082235	45.44	ng	#	87
24) Nitrobenzene	8.801	77	803853	46.90	ng	#	87
25) Isophorone	9.319	82	1351588	45.77	ng		96
26) 2-Nitrophenol	9.513	139	391893	49.14	ng	#	73
27) 2,4-Dimethylphenol	9.589	122	667442	49.61	ng		94
28) bis(2-Chloroethoxy)met...	9.801	93	908853	42.81	ng		98
29) 2,4-Dichlorophenol	10.048	162	670832	44.77	ng		96
30) 1,2,4-Trichlorobenzene	10.260	180	751988	44.24	ng		98
31) Naphthalene	10.442	128	2277139	44.90	ng		100
32) Benzoic acid	9.754	122	411026	41.20	ng	#	83
33) 4-Chloroaniline	10.548	127	591417	28.25	ng	#	94
34) Hexachlorobutadiene	10.748	225	455433	44.84	ng		97
35) Caprolactam	11.313	113	187139	40.75	ng	#	80
36) 4-Chloro-3-methylphenol	11.695	107	670502	41.56	ng		97
37) 2-Methylnaphthalene	12.054	142	1558703m	45.23	ng		
38) 1-Methylnaphthalene	12.278	142	1436492	42.65	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.442	216	725972	46.83	ng		97
41) Hexachlorocyclopentadiene	12.430	237	951189	128.72	ng		99
43) 2,4,6-Trichlorophenol	12.683	196	490471	45.73	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.754	196	521139	45.20	ng	#	92
46) 1,1'-Biphenyl	13.077	154	1817433	45.77	ng		99
47) 2-Chloronaphthalene	13.119	162	1438524	47.24	ng		98
48) 2-Nitroaniline	13.325	65	397613	48.03	ng	#	77
49) Acenaphthylene	13.972	152	2229756	47.16	ng		99
50) Dimethylphthalate	13.707	163	1628130	42.84	ng		99
51) 2,6-Dinitrotoluene	13.819	165	360070	46.78	ng	#	64
52) Acenaphthene	14.319	154	1553446m	49.81	ng		
53) 3-Nitroaniline	14.148	138	273492	31.62	ng		87
54) 2,4-Dinitrophenol	14.354	184	367226	85.98	ng	#	65
55) Dibenzofuran	14.648	168	2066440	43.52	ng		93
56) 4-Nitrophenol	14.483	139	604220	84.71	ng	#	64
57) 2,4-Dinitrotoluene	14.607	165	472507	46.57	ng	#	62
58) Fluorene	15.295	166	1541847	42.70	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.883	232	423109	42.60	ng	#	83
60) Diethylphthalate	15.071	149	1569044	42.06	ng		96
61) 4-Chlorophenyl-phenyle...	15.289	204	770957	41.22	ng		92
62) 4-Nitroaniline	15.313	138	349486	40.48	ng	#	69
63) Azobenzene	15.577	77	1540636	43.38	ng		85
65) 4,6-Dinitro-2-methylph...	15.377	198	230724	42.54	ng	#	74
66) n-Nitrosodiphenylamine	15.501	169	1358615	47.75	ng		98
67) 4-Bromophenyl-phenylether	16.177	248	466121	46.47	ng		92
68) Hexachlorobenzene	16.313	284	513918	46.55	ng	#	83
69) Atrazine	16.448	200	456961	47.15	ng		95
70) Pentachlorophenol	16.648	266	605791	88.89	ng		98
71) Phenanthrene	17.024	178	2339838	46.26	ng		99
72) Anthracene	17.113	178	2366698	47.89	ng		100
73) Carbazole	17.377	167	2086166	42.50	ng		98
74) Di-n-butylphthalate	17.936	149	2460056	46.66	ng	#	97
75) Fluoranthene	19.030	202	2463602	43.92	ng		97
77) Benzidine	19.206	184	1278496	66.97	ng		98
78) Pyrene	19.395	202	2519061	48.34	ng		99
80) Butylbenzylphthalate	20.283	149	989419	49.99	ng		91
81) Benzo(a)anthracene	21.130	228	2148656	44.73	ng		98
82) 3,3'-Dichlorobenzidine	21.065	252	583026	38.53	ng		99
83) Chrysene	21.183	228	2111066	45.43	ng		100
84) Bis(2-ethylhexyl)phtha...	21.053	149	1390585	52.11	ng		95
85) Di-n-octyl phthalate	21.900	149	2344230	52.38	ng	#	89
87) Indeno(1,2,3-cd)pyrene	25.412	276	2474963	52.66	ng		95
88) Benzo(b)fluoranthene	22.653	252	2127664	45.86	ng		99
89) Benzo(k)fluoranthene	22.695	252	2091199	46.14	ng		98
90) Benzo(a)pyrene	23.194	252	2076244	55.19	ng		98
91) Dibenzo(a,h)anthracene	25.412	278	2101060	53.03	ng	#	94
92) Benzo(g,h,i)perylene	26.065	276	2199989	56.16	ng	#	95

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

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