Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102221\
Data File : BM032681.D
Acq On : 22 Oct 2021 18:33
Operator : CG/JU
Sample : M4316-04MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-2A-IDMSD

Manual Integrations APPROVED
mohammad
10/25/2021 1:48:37 PM

Quant Time: Oct 23 01:31:00 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 23 01:22:28 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.543	152	242402	20.000	ng		0.00
21) Naphthalene-d8	10.331	136	957921	20.000	ng	#	0.00
39) Acenaphthene-d10	14.207	164	530541	20.000	ng		0.00
64) Phenanthrene-d10	16.942	188	914485	20.000	ng	#	0.00
76) Chrysene-d12	21.118	240	653673	20.000	ng		0.00
86) Perylene-d12	23.253	264	713188	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.131	112	1306683	90.826	ng		0.00
7) Phenol-d6	6.754	99	1679888	85.386	ng		0.00
23) Nitrobenzene-d5	8.701	82	1055442	61.280	ng		0.00
42) 2,4,6-Tribromophenol	15.701	330	464203	78.157	ng		0.00
45) 2-Fluorobiphenyl	12.819	172	2082305	58.356	ng		0.00
79) Terphenyl-d14	19.559	244	1984351	63.933	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.949	88	252672	41.270	ng		91
3) Pyridine	3.355	79	603532	36.430	ng		93
4) n-Nitrosodimethylamine	3.272	42	312206	46.989	ng	#	61
6) Aniline	6.872	93	792186	36.441	ng		92
8) 2-Chlorophenol	7.119	128	797122	50.836	ng		93
9) Benzaldehyde	6.672	77	424994	37.012	ng		86
10) Phenol	6.778	94	958162	50.581	ng		83
11) bis(2-Chloroethyl)ether	6.966	93	732428	48.617	ng		94
12) 1,3-Dichlorobenzene	7.437	146	858893	48.594	ng	#	91
13) 1,4-Dichlorobenzene	7.578	146	881252	48.991	ng		97
14) 1,2-Dichlorobenzene	7.896	146	837050	48.479	ng		97
15) Benzyl Alcohol	7.796	79	678036	50.320	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.078	45	961658	50.384	ng		98
17) 2-Methylphenol	8.019	107	647756	50.601	ng	#	90
18) Hexachloroethane	8.625	117	319945	52.244	ng	#	89
19) n-Nitroso-di-n-propyla...	8.360	70	519077	48.527	ng	#	84
20) 3+4-Methylphenols	8.343	107	829290	48.018	ng		96
22) Acetophenone	8.366	105	1088276	47.140	ng	#	89
24) Nitrobenzene	8.743	77	819329	49.323	ng	#	87
25) Isophorone	9.266	82	1435266	50.151	ng	#	94
26) 2-Nitrophenol	9.454	139	414662	53.649	ng	#	75
27) 2,4-Dimethylphenol	9.537	122	707829	54.285	ng		97
28) bis(2-Chloroethoxy)met...	9.748	93	918736	44.647	ng		98
29) 2,4-Dichlorophenol	9.995	162	719942	49.573	ng		96
30) 1,2,4-Trichlorobenzene	10.201	180	775500	47.075	ng		99
31) Naphthalene	10.384	128	2299845	46.790	ng		99
32) Benzoic acid	9.737	122	488315	49.416	ng	#	82
33) 4-Chloroaniline	10.495	127	468487	23.090	ng	#	94
34) Hexachlorobutadiene	10.684	225	472813	48.033	ng		98
35) Caprolactam	11.284	113	206545	46.408	ng		87
36) 4-Chloro-3-methylphenol	11.654	107	731477	46.784	ng		96
37) 2-Methylnaphthalene	12.001	142	1577503	47.224	ng		96
38) 1-Methylnaphthalene	12.225	142	1475615	45.205	ng		97
40) 1,2,4,5-Tetrachloroben...	12.389	216	736110	48.167	ng		98
41) Hexachlorocyclopentadiene	12.378	237	851464	116.875	ng		98
43) 2,4,6-Trichlorophenol	12.636	196	526880	49.827	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.713	196	566574	49.846	ng		94
46) 1,1'-Biphenyl	13.030	154	1837079	46.923	ng		99
47) 2-Chloronaphthalene	13.072	162	1460089	48.631	ng		100
48) 2-Nitroaniline	13.278	65	431974	52.921	ng	#	82
49) Acenaphthylene	13.925	152	2280684	48.927	ng		98
50) Dimethylphthalate	13.666	163	1753720	46.809	ng		99
51) 2,6-Dinitrotoluene	13.777	165	388444	51.185	ng	#	65
52) Acenaphthene	14.272	154	1540745m	50.104	ng		
53) 3-Nitroaniline	14.113	138	275675	32.326	ng		82
54) 2,4-Dinitrophenol	14.319	184	327391	77.745	ng	#	65
55) Dibenzofuran	14.607	168	2070657	44.235	ng		95
56) 4-Nitrophenol	14.454	139	616948	87.729	ng	#	69
57) 2,4-Dinitrotoluene	14.572	165	509821	50.962	ng	#	61
58) Fluorene	15.254	166	1532483	43.047	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.848	232	420181	42.910	ng	#	89
60) Diethylphthalate	15.036	149	1679256	45.657	ng		95
61) 4-Chlorophenyl-phenyle...	15.248	204	750609	40.702	ng		97
62) 4-Nitroaniline	15.277	138	335004	39.362	ng	#	72
63) Azobenzene	15.542	77	1561845	44.608	ng		83
65) 4,6-Dinitro-2-methylph...	15.342	198	220587	42.856	ng	#	83
66) n-Nitrosodiphenylamine	15.466	169	1575339	58.342	ng		94
67) 4-Bromophenyl-phenylether	16.136	248	475740	49.984	ng		98
68) Hexachlorobenzene	16.271	284	497228	47.458	ng	#	87
69) Atrazine	16.418	200	488866	53.162	ng		94
70) Pentachlorophenol	16.613	266	581143	89.867	ng		98
71) Phenanthrene	16.983	178	2237023	46.607	ng		99
72) Anthracene	17.071	178	2272994	48.464	ng		98
73) Carbazole	17.342	167	1986584	42.654	ng		98
74) Di-n-butylphthalate	17.901	149	2594203	51.849	ng	#	97
75) Fluoranthene	18.995	202	2240140	42.088	ng		97
77) Benzidine	19.177	184	1268900	78.144	ng		98
78) Pyrene	19.359	202	2260735	51.003	ng		99
80) Butylbenzylphthalate	20.254	149	964091	57.264	ng		92
81) Benzo(a)anthracene	21.101	228	1945737	47.621	ng		99
82) 3,3'-Dichlorobenzidine	21.036	252	535043	41.570	ng		99
83) Chrysene	21.153	228	1894500	47.930	ng		100
84) Bis(2-ethylhexyl)phtha...	21.030	149	1304880	57.485	ng		95
85) Di-n-octyl phthalate	21.877	149	2222943	58.396	ng	#	89
87) Indeno(1,2,3-cd)pyrene	25.371	276	2369709	53.921	ng		96
88) Benzo(b)fluoranthene	22.618	252	2064400	47.584	ng		98
89) Benzo(k)fluoranthene	22.659	252	1937340	45.712	ng		98
90) Benzo(a)pyrene	23.159	252	2009839	57.127	ng		99
91) Dibenzo(a,h)anthracene	25.371	278	1996646	53.889	ng	#	95
92) Benzo(g,h,i)perylene	26.018	276	2083576	56.883	ng	#	95

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

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