Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM101321\
Data File : BM032498.D
Acq On : 13 Oct 2021 16:26
Operator : CG/JU
Sample : M4156-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
20-20211008-WCMSD

Manual Integrations APPROVED
mohammad
10/14/2021 10:56:46 AM

Quant Time: Oct 13 16:56:49 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	247051	20.00	ng		0.00
21) Naphthalene-d8	10.389	136	925224	20.00	ng		# 0.00
39) Acenaphthene-d10	14.254	164	479303	20.00	ng		0.00
64) Phenanthrene-d10	16.977	188	903328	20.00	ng		# 0.00
76) Chrysene-d12	21.147	240	685137	20.00	ng		0.00
86) Perylene-d12	23.288	264	54516	20.00	ng		# 0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.184	112	1758605	119.94	ng		0.00
7) Phenol-d6	6.801	99	1979144	98.70	ng		0.00
23) Nitrobenzene-d5	8.760	82	1484814	89.26	ng		0.00
42) 2,4,6-Tribromophenol	15.736	330	684457	127.56	ng		0.00
45) 2-Fluorobiphenyl	12.866	172	2979424	92.42	ng		0.00
79) Terphenyl-d14	19.595	244	2753055	84.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.990	88	677262	108.54	ng		97
3) Pyridine	3.413	79	352811	20.90	ng		93
4) n-Nitrosodimethylamine	3.313	42	284643	42.03	ng	#	58
6) Aniline	6.937	93	268215	12.11	ng		93
8) 2-Chlorophenol	7.172	128	741117	46.38	ng		92
9) Benzaldehyde	6.731	77	316014	27.00	ng		87
10) Phenol	6.825	94	783654	40.59	ng		83
11) bis(2-Chloroethyl)ether	7.025	93	719697	46.87	ng		93
12) 1,3-Dichlorobenzene	7.495	146	815575	45.27	ng	#	91
13) 1,4-Dichlorobenzene	7.636	146	830177	45.28	ng		98
14) 1,2-Dichlorobenzene	7.960	146	805895	45.80	ng		96
15) Benzyl Alcohol	7.848	79	184608	13.44	ng		88
16) 2,2'-oxybis(1-Chloropr...	8.136	45	896478	46.09	ng		98
17) 2-Methylphenol	8.066	107	549629	42.13	ng	#	90
18) Hexachloroethane	8.684	117	306931	49.18	ng		94
19) n-Nitroso-di-n-propyla...	8.413	70	498518	45.73	ng	#	82
20) 3+4-Methylphenols	8.395	107	699125	39.72	ng		95
22) Acetophenone	8.425	105	1052721	47.21	ng	#	86
24) Nitrobenzene	8.801	77	821839	51.22	ng	#	86
25) Isophorone	9.319	82	1318538	47.70	ng		95
26) 2-Nitrophenol	9.507	139	393282	52.68	ng	#	75
27) 2,4-Dimethylphenol	9.589	122	605187	48.05	ng		94
28) bis(2-Chloroethoxy)met...	9.801	93	394381	19.84	ng		99
29) 2,4-Dichlorophenol	10.048	162	655945	46.76	ng		97
30) 1,2,4-Trichlorobenzene	10.260	180	721589	45.35	ng		98
31) Naphthalene	10.442	128	2213904	46.63	ng		100
32) Benzoic acid	9.748	122	409716	43.56	ng	#	84
33) 4-Chloroaniline	10.554	127	90988	4.64	ng		94
34) Hexachlorobutadiene	10.742	225	441586	46.45	ng		98
35) Caprolactam	11.319	113	143722	33.43	ng	#	78
36) 4-Chloro-3-methylphenol	11.695	107	633737	41.97	ng		96
37) 2-Methylnaphthalene	12.054	142	1525373m	47.28	ng		
38) 1-Methylnaphthalene	12.277	142	1428607	45.31	ng	#	98
40) 1,2,4,5-Tetrachloroben...	12.442	216	710187	51.44	ng		97
41) Hexachlorocyclopentadiene	12.430	237	953129	144.82	ng		98
43) 2,4,6-Trichlorophenol	12.683	196	490205	51.31	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	520080	50.65	ng	#	91
46) 1,1'-Biphenyl	13.077	154	1813908	51.28	ng		99
47) 2-Chloronaphthalene	13.118	162	1428457	52.66	ng		98
48) 2-Nitroaniline	13.324	65	240542	32.62	ng	#	76
49) Acenaphthylene	13.971	152	1594012	37.85	ng		100
50) Dimethylphthalate	13.707	163	1740369	51.42	ng		99
51) 2,6-Dinitrotoluene	13.818	165	366228	53.42	ng	#	64
52) Acenaphthene	14.313	154	1548385m	55.74	ng		
53) 3-Nitroaniline	14.148	138	148753	19.31	ng		88
54) 2,4-Dinitrophenol	14.354	184	449669	118.20	ng	#	65
55) Dibenzofuran	14.648	168	2054455	48.58	ng		93
56) 4-Nitrophenol	14.483	139	539030	84.84	ng	#	66
57) 2,4-Dinitrotoluene	14.607	165	485600	53.73	ng	#	61
58) Fluorene	15.295	166	1523860	47.38	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.883	232	425867	48.14	ng	#	83
60) Diethylphthalate	15.071	149	1615263	48.61	ng		96
61) 4-Chlorophenyl-phenyle...	15.289	204	762118	45.74	ng		94
62) 4-Nitroaniline	15.312	138	151512	19.71	ng	#	70
63) Azobenzene	15.577	77	1192020	37.69	ng		85
65) 4,6-Dinitro-2-methylph...	15.377	198	263622	51.85	ng	#	72
66) n-Nitrosodiphenylamine	15.501	169	388207	14.55	ng		97
67) 4-Bromophenyl-phenylether	16.177	248	469177	49.90	ng		91
68) Hexachlorobenzene	16.312	284	514637	49.73	ng	#	82
70) Pentachlorophenol	16.648	266	648436	101.51	ng		98
71) Phenanthrene	17.018	178	2292296	48.35	ng		100
72) Anthracene	17.106	178	2190920	47.29	ng		99
73) Carbazole	17.377	167	284947	6.19	ng		97
74) Di-n-butylphthalate	17.936	149	2571337	52.03	ng	#	97
75) Fluoranthene	19.030	202	2361014	44.91	ng		97
77) Benzidine	19.277	184	66570m	3.91	ng		
78) Pyrene	19.389	202	2107565	45.36	ng		99
80) Butylbenzylphthalate	20.283	149	759726	43.05	ng		91
81) Benzo(a)anthracene	21.130	228	1950603	45.55	ng		99
82) 3,3'-Dichlorobenzidine	21.065	252	37190	2.76	ng	#	96
83) Chrysene	21.183	228	2010106	48.52	ng		99
84) Bis(2-ethylhexyl)phtha...	21.053	149	1479650	62.19	ng		94
85) Di-n-octyl phthalate	21.900	149	2409968	60.40	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.406	276	1983426	590.41	ng	#	94
88) Benzo(b)fluoranthene	22.653	252	2074569	625.58	ng		98
89) Benzo(k)fluoranthene	22.694	252	1844663	569.41	ng		99
90) Benzo(a)pyrene	23.194	252	1456890	541.74	ng		98
91) Dibenzo(a,h)anthracene	25.412	278	1996507	704.94	ng	#	96
92) Benzo(g,h,i)perylene	26.065	276	1690943	603.92	ng	#	96

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

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