Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051121\
Data File : BP005491.D
Acq On : 11 May 2021 16:17
Operator : CG/JU
Sample : M2322-07MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MW-2-20210505MSD

Manual Integrations APPROVED
mohammad
5/12/2021 2:04:58 PM

Quant Time: May 11 16:59:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 11 11:20:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.699	152	8242	20.00	ng		0.00
21) Naphthalene-d8	10.487	136	25848	20.00	ng		# 0.00
39) Acenaphthene-d10	14.346	164	21915	20.00	ng		0.00
64) Phenanthrene-d10	17.098	188	61060	20.00	ng		# 0.00
76) Chrysene-d12	21.186	240	90086	20.00	ng		# 0.00
86) Perylene-d12	23.492	264	105842	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	30926	72.01	ng		0.00
7) Phenol-d6	6.893	99	18315	34.20	ng		0.00
23) Nitrobenzene-d5	8.864	82	64984	98.95	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	81800	131.53	ng		0.00
45) 2-Fluorobiphenyl	12.963	172	167975	86.46	ng		0.00
79) Terphenyl-d14	19.669	244	429923	81.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.181	88	6428	38.20	ng	#	93
3) Pyridine	3.599	79	9970	26.22	ng	#	75
4) n-Nitrosodimethylamine	3.505	42	10580	34.60	ng	#	10
6) Aniline	7.034	93	16328	28.25	ng	#	87
8) 2-Chlorophenol	7.264	128	17725	38.43	ng		92
9) Benzaldehyde	6.846	77	23186	89.40	ng	#	72
10) Phenol	6.917	94	8147	15.21	ng	#	55
11) bis(2-Chloroethyl)ether	7.134	93	18614	50.32	ng		95
12) 1,3-Dichlorobenzene	7.581	146	23674	38.58	ng	#	84
13) 1,4-Dichlorobenzene	7.734	146	25162	41.14	ng		96
14) 1,2-Dichlorobenzene	8.046	146	23426	39.96	ng		98
15) Benzyl Alcohol	7.952	79	16094	31.15	ng	#	68
16) 2,2'-oxybis(1-Chloropr...	8.234	45	8889	48.67	ng		75
17) 2-Methylphenol	8.164	107	10926	29.70	ng	#	76
18) Hexachloroethane	8.764	117	10588	41.79	ng		94
19) n-Nitroso-di-n-propyla...	8.516	70	18536	47.27	ng	#	86
20) 3+4-Methylphenols	8.493	107	12893	26.37	ng	#	85
22) Acetophenone	8.528	105	36044	49.43	ng	#	78
24) Nitrobenzene	8.905	77	33431	50.75	ng		91
25) Isophorone	9.434	82	44590	43.85	ng	#	96
26) 2-Nitrophenol	9.611	139	12536	45.45	ng	#	72
27) 2,4-Dimethylphenol	9.687	122	15204	41.64	ng	#	74
28) bis(2-Chloroethoxy)met...	9.916	93	21344	50.14	ng		97
29) 2,4-Dichlorophenol	10.158	162	23643	41.23	ng		93
30) 1,2,4-Trichlorobenzene	10.352	180	31718	43.31	ng		97
31) Naphthalene	10.540	128	59343	42.69	ng		97
32) Benzoic acid	9.828	122	1809m	6.41	ng		
33) 4-Chloroaniline	10.675	127	11099	20.50	ng		96
34) Hexachlorobutadiene	10.816	225	26395	43.21	ng		95
35) Caprolactam	11.493	113	737	5.59	ng		88
36) 4-Chloro-3-methylphenol	11.810	107	19826	38.79	ng		94
37) 2-Methylnaphthalene	12.157	142	51017	45.76	ng		91
38) 1-Methylnaphthalene	12.375	142	46348	44.03	ng		97
40) 1,2,4,5-Tetrachloroben...	12.528	216	47657	47.33	ng	#	97
41) Hexachlorocyclopentadiene	12.499	237	45368	104.50	ng		97
43) 2,4,6-Trichlorophenol	12.781	196	28098	44.67	ng		89

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	30046	44.26	ng		98
46) 1,1'-Biphenyl	13.175	154	74360	44.07	ng		98
47) 2-Chloronaphthalene	13.216	162	61704	43.92	ng		98
48) 2-Nitroaniline	13.440	65	21247	53.24	ng	#	83
49) Acenaphthylene	14.063	152	89994	44.46	ng		100
50) Dimethylphthalate	13.816	163	91609	48.43	ng		99
51) 2,6-Dinitrotoluene	13.940	165	18263	42.99	ng		97
52) Acenaphthene	14.410	154	56354	44.75	ng		96
53) 3-Nitroaniline	14.275	138	6782	22.28	ng		88
54) 2,4-Dinitrophenol	14.493	184	20578	80.30	ng	#	68
55) Dibenzofuran	14.746	168	107017	45.18	ng		99
56) 4-Nitrophenol	14.628	139	6316	27.49	ng	#	82
57) 2,4-Dinitrotoluene	14.734	165	28403	45.35	ng	#	89
58) Fluorene	15.393	166	90189	46.63	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.981	232	30807	45.38	ng	#	97
60) Diethylphthalate	15.181	149	86541	47.23	ng		97
61) 4-Chlorophenyl-phenyle...	15.393	204	61409	50.74	ng		98
62) 4-Nitroaniline	15.440	138	12589	43.05	ng	#	73
63) Azobenzene	15.687	77	97836	51.80	ng		88
65) 4,6-Dinitro-2-methylph...	15.504	198	18845	38.94	ng		95
66) n-Nitrosodiphenylamine	15.610	169	76336	42.84	ng		93
67) 4-Bromophenyl-phenylether	16.287	248	45406	47.64	ng		99
68) Hexachlorobenzene	16.398	284	55576	45.98	ng		97
69) Atrazine	16.575	200	42060	50.53	ng		96
70) Pentachlorophenol	16.757	266	57290	89.33	ng		96
71) Phenanthrene	17.140	178	156419	45.08	ng		99
72) Anthracene	17.228	178	164061	47.65	ng		99
73) Carbazole	17.510	167	133154	43.91	ng		99
74) Di-n-butylphthalate	18.063	149	157919	47.44	ng		96
75) Fluoranthene	19.110	202	228278	47.83	ng		97
77) Benzidine	19.304	184	92142	66.08	ng		98
78) Pyrene	19.463	202	236928	46.45	ng		99
80) Butylbenzylphthalate	20.345	149	77296	46.91	ng		88
81) Benzo(a)anthracene	21.175	228	268781	46.04	ng		99
82) 3,3'-Dichlorobenzidine	21.116	252	73792	33.55	ng		95
83) Chrysene	21.228	228	268962	47.54	ng		98
84) Bis(2-ethylhexyl)phtha...	21.104	149	112983	44.84	ng	#	96
85) Di-n-octyl phthalate	21.992	149	195635	46.22	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.898	276	442409	49.68	ng	#	95
88) Benzo(b)fluoranthene	22.792	252	325793	46.19	ng	#	98
89) Benzo(k)fluoranthene	22.839	252	323694	46.93	ng	#	97
90) Benzo(a)pyrene	23.392	252	305884	47.31	ng	#	98
91) Dibenzo(a,h)anthracene	25.910	278	385235	49.03	ng	#	96
92) Benzo(g,h,i)perylene	26.627	276	360671	49.61	ng	#	95

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

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