Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051921\
Data File : BP005618.D
Acq On : 19 May 2021 18:53
Operator : CG/JU
Sample : M2450-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EME-19MSD

Manual Integrations APPROVED
mohammad
5/20/2021 11:35:45 AM

Quant Time: May 20 03:25:42 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 17 15:35:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.657	152	7824	20.00	ng	0.00
21) Naphthalene-d8	10.445	136	27240	20.00	ng	# 0.00
39) Acenaphthene-d10	14.310	164	26083	20.00	ng	0.00
64) Phenanthrene-d10	17.063	188	68950	20.00	ng	#-0.01
76) Chrysene-d12	21.168	240	100153	20.00	ng	#-0.01
86) Perylene-d12	23.456	264	110373	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	24902	61.08	ng	0.00
7) Phenol-d6	6.863	99	17807	35.03	ng	0.00
23) Nitrobenzene-d5	8.828	82	62508	90.32	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	82556	111.54	ng	0.00
45) 2-Fluorobiphenyl	12.928	172	181115	78.33	ng	0.00
79) Terphenyl-d14	19.639	244	513894	87.14	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	3402	19.17	ng	# 77
3) Pyridine	3.569	79	6996	19.38	ng	# 74
4) n-Nitrosodimethylamine	3.481	42	6929	23.87	ng	# 5
6) Aniline	6.998	93	19516	35.57	ng	# 81
8) 2-Chlorophenol	7.234	128	17158	39.18	ng	92
9) Benzaldehyde	6.810	77	18212	73.28	ng	# 66
10) Phenol	6.893	94	7400	14.55	ng	# 37
11) bis(2-Chloroethyl)ether	7.098	93	15957	45.44	ng	99
12) 1,3-Dichlorobenzene	7.545	146	23048	39.56	ng	# 84
13) 1,4-Dichlorobenzene	7.693	146	23446	40.38	ng	97
14) 1,2-Dichlorobenzene	8.010	146	22454	40.35	ng	97
15) Benzyl Alcohol	7.928	79	16470	33.58	ng	# 68
16) 2,2'-oxybis(1-Chloropr...	8.187	45	8112	46.79	ng	65
17) 2-Methylphenol	8.128	107	11714	33.54	ng	# 78
18) Hexachloroethane	8.722	117	9785	40.68	ng	# 81
19) n-Nitroso-di-n-propyla...	8.481	70	18605	49.98	ng	# 89
20) 3+4-Methylphenols	8.469	107	13903	29.95	ng	# 79
22) Acetophenone	8.492	105	34045	44.30	ng	# 75
24) Nitrobenzene	8.869	77	32135	46.29	ng	# 89
25) Isophorone	9.392	82	45120	42.10	ng	# 96
26) 2-Nitrophenol	9.581	139	10476	36.04	ng	# 67
27) 2,4-Dimethylphenol	9.651	122	16635	43.23	ng	# 70
28) bis(2-Chloroethoxy)met...	9.881	93	20884	46.55	ng	92
29) 2,4-Dichlorophenol	10.128	162	24440	40.45	ng	96
30) 1,2,4-Trichlorobenzene	10.316	180	31591	40.93	ng	98
31) Naphthalene	10.498	128	59356	40.52	ng	98
33) 4-Chloroaniline	10.634	127	22997	40.31	ng	# 86
34) Hexachlorobutadiene	10.769	225	27832	43.24	ng	97
35) Caprolactam	11.451	113	1207m	8.68	ng	
36) 4-Chloro-3-methylphenol	11.775	107	20830	38.67	ng	96
37) 2-Methylnaphthalene	12.122	142	52694	44.85	ng	94
38) 1-Methylnaphthalene	12.339	142	47668	42.97	ng	94
40) 1,2,4,5-Tetrachloroben...	12.492	216	50557	42.19	ng	97
41) Hexachlorocyclopentadiene	12.457	237	28578	59.01	ng	96
43) 2,4,6-Trichlorophenol	12.751	196	32341	43.20	ng	94
44) 2,4,5-Trichlorophenol	12.833	196	30058	37.20	ng	94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.139	154	83655	41.66	ng		97
47) 2-Chloronaphthalene	13.181	162	66368	39.69	ng		96
48) 2-Nitroaniline	13.410	65	21444	45.15	ng		92
49) Acenaphthylene	14.033	152	101916	42.31	ng		98
50) Dimethylphthalate	13.786	163	104401	46.37	ng	#	98
51) 2,6-Dinitrotoluene	13.910	165	20612	40.77	ng		97
52) Acenaphthene	14.375	154	60539	40.39	ng		96
53) 3-Nitroaniline	14.245	138	13106	36.18	ng		95
55) Dibenzofuran	14.710	168	119341	42.33	ng		97
56) 4-Nitrophenol	14.639	139	1815m	6.64	ng		
57) 2,4-Dinitrotoluene	14.710	165	30791	41.31	ng	#	87
58) Fluorene	15.363	166	102472	44.52	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.957	232	32685	40.46	ng	#	97
60) Diethylphthalate	15.145	149	99891	45.80	ng		99
61) 4-Chlorophenyl-phenyle...	15.357	204	67884	47.13	ng		97
62) 4-Nitroaniline	15.422	138	13138	37.75	ng	#	68
63) Azobenzene	15.651	77	108038	48.06	ng		87
66) n-Nitrosodiphenylamine	15.580	169	87245	43.36	ng	#	90
67) 4-Bromophenyl-phenylether	16.257	248	50853	47.25	ng		98
68) Hexachlorobenzene	16.369	284	61012	44.70	ng		95
69) Atrazine	16.545	200	44948	47.82	ng		99
70) Pentachlorophenol	16.739	266	16230	22.41	ng		90
71) Phenanthrene	17.110	178	175125	44.70	ng		99
72) Anthracene	17.204	178	178786	45.98	ng		99
73) Carbazole	17.486	167	145905	42.61	ng		97
74) Di-n-butylphthalate	18.033	149	175120	46.59	ng		97
75) Fluoranthene	19.086	202	253893	47.11	ng		96
77) Benzidine	19.280	184	186055	120.02	ng		99
78) Pyrene	19.445	202	266132	46.94	ng		99
80) Butylbenzylphthalate	20.321	149	83861	45.78	ng		92
81) Benzo(a)anthracene	21.157	228	298031	45.92	ng		98
82) 3,3'-Dichlorobenzidine	21.092	252	116875	47.80	ng		97
83) Chrysene	21.209	228	292378	46.48	ng		99
84) Bis(2-ethylhexyl)phtha...	21.074	149	133138	47.53	ng	#	98
85) Di-n-octyl phthalate	21.962	149	225690	47.97	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.845	276	417586	44.97	ng	#	97
88) Benzo(b)fluoranthene	22.762	252	350521	47.66	ng	#	98
89) Benzo(k)fluoranthene	22.804	252	328740	45.71	ng	#	99
90) Benzo(a)pyrene	23.356	252	327980	48.65	ng	#	99
91) Dibenzo(a,h)anthracene	25.845	278	361593	44.13	ng	#	98
92) Benzo(g,h,i)perylene	26.568	276	349428	46.09	ng	#	95

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

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