Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051921\
Data File : BP005617.D
Acq On : 19 May 2021 18:19
Operator : CG/JU
Sample : M2450-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
EME-19MS

Manual Integrations APPROVED
mohammad
5/20/2021 11:35:43 AM

Quant Time: May 20 04:06:56 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	8080	20.00	ng	0.00
21) Naphthalene-d8	10.445	136	27266	20.00	ng	# 0.00
39) Acenaphthene-d10	14.310	164	26910	20.00	ng	0.00
64) Phenanthrene-d10	17.063	188	73649	20.00	ng	#-0.01
76) Chrysene-d12	21.168	240	107341	20.00	ng	#-0.01
86) Perylene-d12	23.456	264	115458	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	25338	60.18	ng	0.00
7) Phenol-d6	6.863	99	18002	34.29	ng	0.00
23) Nitrobenzene-d5	8.828	82	63053	91.02	ng	0.00
42) 2,4,6-Tribromophenol	15.816	330	82817	108.45	ng	0.00
45) 2-Fluorobiphenyl	12.927	172	187958	78.79	ng	0.00
79) Terphenyl-d14	19.639	244	559663	88.55	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	3383	18.28	ng	# 79
3) Pyridine	3.569	79	5768	15.47	ng	# 72
4) n-Nitrosodimethylamine	3.475	42	7541	25.15	ng	# 1
6) Aniline	6.998	93	19502	34.42	ng	# 81
8) 2-Chlorophenol	7.234	128	16421	36.31	ng	95
9) Benzaldehyde	6.816	77	18244	70.96	ng	# 67
10) Phenol	6.893	94	7494	14.27	ng	# 46
11) bis(2-Chloroethyl)ether	7.098	93	15425	42.53	ng	99
12) 1,3-Dichlorobenzene	7.545	146	21857	36.33	ng	# 76
13) 1,4-Dichlorobenzene	7.692	146	22664	37.79	ng	93
14) 1,2-Dichlorobenzene	8.004	146	22364	38.91	ng	93
15) Benzyl Alcohol	7.922	79	16725	33.02	ng	# 80
16) 2,2'-oxybis(1-Chloropr...	8.187	45	7816	43.65	ng	73
17) 2-Methylphenol	8.128	107	10808	29.97	ng	# 74
18) Hexachloroethane	8.722	117	10499	42.27	ng	# 75
19) n-Nitroso-di-n-propyla...	8.481	70	18415	47.90	ng	# 87
20) 3+4-Methylphenols	8.463	107	13721	28.62	ng	84
22) Acetophenone	8.492	105	35065	45.59	ng	# 77
24) Nitrobenzene	8.869	77	32605	46.92	ng	# 89
25) Isophorone	9.392	82	47062	43.87	ng	# 97
26) 2-Nitrophenol	9.575	139	10135	34.83	ng	# 63
27) 2,4-Dimethylphenol	9.651	122	17243	44.77	ng	84
28) bis(2-Chloroethoxy)met...	9.881	93	20784	46.28	ng	# 91
29) 2,4-Dichlorophenol	10.122	162	25082	41.47	ng	92
30) 1,2,4-Trichlorobenzene	10.316	180	33058	42.79	ng	98
31) Naphthalene	10.498	128	60961	41.58	ng	100
33) 4-Chloroaniline	10.633	127	22717	39.78	ng	95
34) Hexachlorobutadiene	10.769	225	28350	44.00	ng	96
35) Caprolactam	11.451	113	1132m	8.13	ng	
36) 4-Chloro-3-methylphenol	11.780	107	21943	40.70	ng	97
37) 2-Methylnaphthalene	12.116	142	52665	44.78	ng	# 93
38) 1-Methylnaphthalene	12.339	142	50840	45.79	ng	96
40) 1,2,4,5-Tetrachloroben...	12.492	216	52786	42.69	ng	97
41) Hexachlorocyclopentadiene	12.457	237	30607	60.96	ng	99
43) 2,4,6-Trichlorophenol	12.751	196	32629	42.24	ng	99
44) 2,4,5-Trichlorophenol	12.839	196	31068	37.27	ng	92

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	13.139	154	86182	41.60	ng		97
47)	2-Chloronaphthalene	13.180	162	69957	40.55	ng		98
48)	2-Nitroaniline	13.416	65	21480	43.83	ng		96
49)	Acenaphthylene	14.033	152	107613	43.30	ng		100
50)	Dimethylphthalate	13.786	163	109899	47.31	ng		99
51)	2,6-Dinitrotoluene	13.910	165	21288	40.81	ng		96
52)	Acenaphthene	14.374	154	65166	42.14	ng		95
53)	3-Nitroaniline	14.251	138	13144	35.17	ng		91
55)	Dibenzofuran	14.710	168	127744	43.92	ng		97
56)	4-Nitrophenol	14.633	139	1970	6.98	ng	#	63
57)	2,4-Dinitrotoluene	14.716	165	32616	42.41	ng	#	90
58)	Fluorene	15.363	166	109722	46.20	ng		97
59)	2,3,4,6-Tetrachlorophenol	14.957	232	29720	35.66	ng	#	98
60)	Diethylphthalate	15.145	149	106940	47.53	ng		97
61)	4-Chlorophenyl-phenyle...	15.357	204	73725	49.61	ng		98
62)	4-Nitroaniline	15.416	138	13379	37.26	ng	#	56
63)	Azobenzene	15.651	77	115093	49.63	ng		86
66)	n-Nitrosodiphenylamine	15.580	169	95274	44.32	ng	#	91
67)	4-Bromophenyl-phenylether	16.257	248	54375	47.30	ng		97
68)	Hexachlorobenzene	16.368	284	68127	46.73	ng		96
69)	Atrazine	16.545	200	49809	49.61	ng		98
70)	Pentachlorophenol	16.739	266	17226	22.27	ng		92
71)	Phenanthrene	17.110	178	186893	44.66	ng		99
72)	Anthracene	17.198	178	193964	46.70	ng		99
73)	Carbazole	17.486	167	155027	42.38	ng		98
74)	Di-n-butylphthalate	18.033	149	190728	47.51	ng		97
75)	Fluoranthene	19.092	202	266934	46.37	ng		97
77)	Benzidine	19.280	184	197934	119.13	ng		99
78)	Pyrene	19.445	202	278624	45.85	ng		99
80)	Butylbenzylphthalate	20.321	149	87666	44.65	ng		88
81)	Benzo(a)anthracene	21.156	228	317892	45.70	ng		99
82)	3,3'-Dichlorobenzidine	21.092	252	123354	47.07	ng		99
83)	Chrysene	21.209	228	311401	46.19	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.080	149	142055	47.32	ng	#	94
85)	Di-n-octyl phthalate	21.962	149	237288	47.05	ng	#	92
87)	Indeno(1,2,3-cd)pyrene	25.844	276	426033	43.86	ng	#	96
88)	Benzo(b)fluoranthene	22.768	252	358198	46.56	ng	#	96
89)	Benzo(k)fluoranthene	22.809	252	349915	46.51	ng	#	97
90)	Benzo(a)pyrene	23.362	252	337412	47.84	ng	#	98
91)	Dibenzo(a,h)anthracene	25.850	278	369352	43.09	ng	#	98
92)	Benzo(g,h,i)perylene	26.568	276	354023	44.64	ng	#	96

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

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