Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051321\
Data File : BP005533.D
Acq On : 13 May 2021 22:50
Operator : CG/JU
Sample : M2361-01MS 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CL-02-051121MS

Manual Integrations APPROVED
mohammad
5/14/2021 12:52:00 PM

Quant Time: May 14 02:14:49 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	7.687	152	14630	20.00	ng		-0.01
21) Naphthalene-d8	10.475	136	43854	20.00	ng		#-0.02
39) Acenaphthene-d10	14.340	164	32409	20.00	ng		0.00
64) Phenanthrene-d10	17.092	188	82625	20.00	ng		# 0.00
76) Chrysene-d12	21.198	240	119324	20.00	ng		# 0.00
86) Perylene-d12	23.504	264	142454	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.281	112	35417	46.46	ng		0.00
7) Phenol-d6	6.887	99	37396	39.34	ng		0.00
23) Nitrobenzene-d5	8.852	82	34688	31.13	ng		-0.01
42) 2,4,6-Tribromophenol	15.839	330	43327	47.11	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	77905	27.12	ng		-0.01
79) Terphenyl-d14	19.669	244	202665	28.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.175	88	5997	17.79	ng	#	86
3) Pyridine	3.587	79	11721	17.36	ng	#	83
4) n-Nitrosodimethylamine	3.499	42	10540	19.42	ng	#	7
6) Aniline	7.022	93	8413	8.20	ng	#	87
8) 2-Chlorophenol	7.258	128	15598	19.05	ng		97
9) Benzaldehyde	6.840	77	13429	26.44	ng	#	76
10) Phenol	6.916	94	18198	19.14	ng	#	48
11) bis(2-Chloroethyl)ether	7.122	93	12932	19.69	ng		93
12) 1,3-Dichlorobenzene	7.575	146	21258	19.51	ng	#	91
13) 1,4-Dichlorobenzene	7.722	146	21138	19.47	ng		97
14) 1,2-Dichlorobenzene	8.034	146	19864	19.09	ng		90
15) Benzyl Alcohol	7.946	79	16332	17.81	ng	#	76
16) 2,2'-oxybis(1-Chloropr...	8.216	45	6480	19.99	ng	#	60
17) 2-Methylphenol	8.158	107	11604	17.77	ng	#	76
18) Hexachloroethane	8.752	117	7380	16.41	ng		87
19) n-Nitroso-di-n-propyla...	8.505	70	12383	17.79	ng		92
20) 3+4-Methylphenols	8.487	107	15321	17.65	ng		85
22) Acetophenone	8.522	105	23890	19.31	ng	#	85
24) Nitrobenzene	8.899	77	21791	19.50	ng		94
25) Isophorone	9.422	82	30110	17.45	ng	#	91
26) 2-Nitrophenol	9.605	139	7955	17.00	ng	#	78
27) 2,4-Dimethylphenol	9.687	122	13101	21.15	ng	#	84
28) bis(2-Chloroethoxy)met...	9.905	93	14152	19.59	ng		95
29) 2,4-Dichlorophenol	10.157	162	16772	17.24	ng		94
30) 1,2,4-Trichlorobenzene	10.346	180	23195	18.67	ng		95
31) Naphthalene	10.528	128	45946	19.48	ng		97
32) Benzoic acid	9.852	122	7612	15.91	ng	#	76
33) 4-Chloroaniline	10.669	127	5667	6.17	ng	#	93
34) Hexachlorobutadiene	10.804	225	19946	19.25	ng		92
35) Caprolactam	11.475	113	3680	16.44	ng		94
36) 4-Chloro-3-methylphenol	11.816	107	15941	18.38	ng		89
37) 2-Methylnaphthalene	12.146	142	35216	18.62	ng		89
38) 1-Methylnaphthalene	12.369	142	31984m	17.91	ng		
40) 1,2,4,5-Tetrachloroben...	12.522	216	29724	19.96	ng		96
41) Hexachlorocyclopentadiene	12.487	237	3602	13.06	ng		92
43) 2,4,6-Trichlorophenol	12.781	196	17939	19.28	ng		88

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.869	196	18392	18.32	ng		92
46) 1,1'-Biphenyl	13.169	154	48070	19.26	ng		92
47) 2-Chloronaphthalene	13.210	162	41036	19.75	ng		99
48) 2-Nitroaniline	13.440	65	12153	20.59	ng		98
49) Acenaphthylene	14.057	152	59288	19.81	ng		98
50) Dimethylphthalate	13.804	163	54794	19.59	ng		99
51) 2,6-Dinitrotoluene	13.934	165	10370	16.51	ng		95
52) Acenaphthene	14.404	154	34366	18.45	ng		96
53) 3-Nitroaniline	14.275	138	6259	13.90	ng		93
54) 2,4-Dinitrophenol	14.516	184	1968	5.19	ng	#	88
55) Dibenzofuran	14.740	168	62757	17.92	ng		98
56) 4-Nitrophenol	14.628	139	11270	33.17	ng	#	77
57) 2,4-Dinitrotoluene	14.734	165	14492	15.65	ng	#	83
58) Fluorene	15.392	166	52752	18.44	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.981	232	18109m	18.04	ng		
60) Diethylphthalate	15.175	149	49965	18.44	ng		98
61) 4-Chlorophenyl-phenyle...	15.387	204	32650	18.24	ng		97
62) 4-Nitroaniline	15.440	138	6737	15.58	ng	#	83
63) Azobenzene	15.681	77	51790	18.54	ng		88
65) 4,6-Dinitro-2-methylph...	15.510	198	1985	3.03	ng		89
66) n-Nitrosodiphenylamine	15.610	169	43725	18.13	ng		94
67) 4-Bromophenyl-phenylether	16.281	248	24779	19.21	ng		96
68) Hexachlorobenzene	16.398	284	30724	18.78	ng		95
69) Atrazine	16.575	200	21310	18.92	ng		92
70) Pentachlorophenol	16.757	266	31375	36.15	ng		95
71) Phenanthrene	17.139	178	103164	21.97	ng		99
72) Anthracene	17.228	178	96068	20.62	ng		100
73) Carbazole	17.510	167	74388	18.13	ng		98
74) Di-n-butylphthalate	18.063	149	85021	18.88	ng	#	96
75) Fluoranthene	19.116	202	155476	24.08	ng		98
77) Benzidine	19.310	184	36229	19.62	ng		99
78) Pyrene	19.469	202	160744	23.79	ng		99
80) Butylbenzylphthalate	20.345	149	44830	20.54	ng		89
81) Benzo(a)anthracene	21.180	228	169207	21.88	ng		99
82) 3,3'-Dichlorobenzidine	21.116	252	47839	16.42	ng		92
83) Chrysene	21.233	228	162694	21.71	ng		98
84) Bis(2-ethylhexyl)phtha...	21.104	149	69165	20.72	ng	#	96
85) Di-n-octyl phthalate	21.992	149	121079	21.60	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.910	276	245377	20.47	ng	#	97
88) Benzo(b)fluoranthene	22.804	252	206747	21.78	ng	#	98
89) Benzo(k)fluoranthene	22.851	252	182936	19.71	ng	#	96
90) Benzo(a)pyrene	23.404	252	191105	21.96	ng		97
91) Dibenzo(a,h)anthracene	25.921	278	205268	19.41	ng	#	98
92) Benzo(g,h,i)perylene	26.645	276	206475	21.10	ng	#	97

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

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