Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051521\
Data File : BP005579.D
Acq On : 15 May 2021 21:10
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
5/17/2021 11:22:33 AM

Quant Time: May 16 02:47:18 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 12:01:17 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	13755	20.00	ng	0.00
21) Naphthalene-d8	10.457	136	45558	20.00	ng	#-0.01
39) Acenaphthene-d10	14.322	164	40496	20.00	ng	-0.01
64) Phenanthrene-d10	17.081	188	102158	20.00	ng	# 0.00
76) Chrysene-d12	21.180	240	141474	20.00	ng	#-0.01
86) Perylene-d12	23.480	264	154760	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	54493	76.03	ng	0.00
7) Phenol-d6	6.869	99	72907	81.58	ng	-0.01
23) Nitrobenzene-d5	8.840	82	92950	80.30	ng	-0.01
42) 2,4,6-Tribromophenol	15.828	330	83145	72.35	ng	-0.01
45) 2-Fluorobiphenyl	12.940	172	265554	73.97	ng	-0.01
79) Terphenyl-d14	19.651	244	683197	82.01	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	9741	34.24	ng	# 86
3) Pyridine	3.564	79	27782	43.78	ng	# 77
4) n-Nitrosodimethylamine	3.475	42	19056	37.34	ng	# 8
6) Aniline	7.010	93	39086	40.52	ng	# 82
8) 2-Chlorophenol	7.240	128	30582	39.73	ng	98
9) Benzaldehyde	6.822	77	20182	44.69	ng	# 74
10) Phenol	6.893	94	34942	39.09	ng	# 56
11) bis(2-Chloroethyl)ether	7.110	93	23594	38.22	ng	96
12) 1,3-Dichlorobenzene	7.552	146	37551	36.66	ng	# 87
13) 1,4-Dichlorobenzene	7.705	146	39174	38.37	ng	95
14) 1,2-Dichlorobenzene	8.016	146	37022	37.84	ng	98
15) Benzyl Alcohol	7.928	79	34182	39.65	ng	# 77
16) 2,2'-oxybis(1-Chloropr...	8.210	45	11761	38.58	ng	68
17) 2-Methylphenol	8.140	107	24831	40.45	ng	# 79
18) Hexachloroethane	8.734	117	16148	38.19	ng	94
19) n-Nitroso-di-n-propyla...	8.487	70	28701	43.86	ng	96
20) 3+4-Methylphenols	8.475	107	34942	42.82	ng	# 83
22) Acetophenone	8.505	105	50209	39.07	ng	# 84
24) Nitrobenzene	8.881	77	45718	39.37	ng	92
25) Isophorone	9.404	82	72015	40.18	ng	# 97
26) 2-Nitrophenol	9.593	139	18799	38.67	ng	# 77
27) 2,4-Dimethylphenol	9.663	122	24848	38.61	ng	# 79
28) bis(2-Chloroethoxy)met...	9.893	93	30084	40.09	ng	96
29) 2,4-Dichlorophenol	10.134	162	39196	38.79	ng	98
30) 1,2,4-Trichlorobenzene	10.328	180	48331	37.44	ng	94
31) Naphthalene	10.510	128	93908	38.33	ng	99
32) Benzoic acid	9.881	122	19356	38.93	ng	# 81
33) 4-Chloroaniline	10.646	127	37166	38.95	ng	# 91
34) Hexachlorobutadiene	10.781	225	42411	39.39	ng	96
35) Caprolactam	11.457	113	9699m	41.71	ng	
36) 4-Chloro-3-methylphenol	11.793	107	36604	40.63	ng	94
37) 2-Methylnaphthalene	12.134	142	80046	40.73	ng	97
38) 1-Methylnaphthalene	12.351	142	74993	40.42	ng	95
40) 1,2,4,5-Tetrachloroben...	12.504	216	66459	35.72	ng	97
41) Hexachlorocyclopentadiene	12.469	237	24731	36.38	ng	94
43) 2,4,6-Trichlorophenol	12.763	196	42684	36.72	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	42339	33.75	ng		96
46) 1,1'-Biphenyl	13.151	154	114738	36.80	ng		96
47) 2-Chloronaphthalene	13.193	162	95384	36.74	ng		98
48) 2-Nitroaniline	13.422	65	29085	39.44	ng		98
49) Acenaphthylene	14.045	152	138197	36.95	ng		99
50) Dimethylphthalate	13.792	163	129438	37.03	ng		98
51) 2,6-Dinitrotoluene	13.922	165	28705	36.57	ng		95
52) Acenaphthene	14.387	154	85073	36.56	ng		95
53) 3-Nitroaniline	14.257	138	20998	37.33	ng		99
54) 2,4-Dinitrophenol	14.492	184	18119	38.26	ng		93
55) Dibenzofuran	14.722	168	163888	37.44	ng		97
56) 4-Nitrophenol	14.604	139	17499	41.22	ng	#	74
57) 2,4-Dinitrotoluene	14.722	165	44877	38.78	ng	#	87
58) Fluorene	15.375	166	137646	38.51	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.963	232	47015	37.48	ng		98
60) Diethylphthalate	15.157	149	127153	37.55	ng		98
61) 4-Chlorophenyl-phenyle...	15.375	204	84656	37.85	ng		95
62) 4-Nitroaniline	15.428	138	20860	38.61	ng	#	72
63) Azobenzene	15.663	77	137211	39.32	ng		87
65) 4,6-Dinitro-2-methylph...	15.492	198	31240	38.59	ng		97
66) n-Nitrosodiphenylamine	15.592	169	115004	38.57	ng		94
67) 4-Bromophenyl-phenylether	16.269	248	61020	38.27	ng		97
68) Hexachlorobenzene	16.381	284	73868	36.53	ng		97
69) Atrazine	16.557	200	53257	38.24	ng		98
70) Pentachlorophenol	16.745	266	39209	36.54	ng		95
71) Phenanthrene	17.122	178	218607	37.66	ng		98
72) Anthracene	17.216	178	219902	38.17	ng		98
73) Carbazole	17.498	167	190642	37.58	ng		99
74) Di-n-butylphthalate	18.045	149	215471	38.69	ng	#	96
75) Fluoranthene	19.104	202	305987	38.32	ng		97
77) Benzidine	19.298	184	97932	44.72	ng		100
78) Pyrene	19.457	202	315178	39.35	ng		100
80) Butylbenzylphthalate	20.333	149	105780	40.88	ng		95
81) Benzo(a)anthracene	21.169	228	352020	38.40	ng		99
82) 3,3'-Dichlorobenzidine	21.104	252	134878	39.05	ng		97
83) Chrysene	21.221	228	347306	39.09	ng		99
84) Bis(2-ethylhexyl)phtha...	21.086	149	158310	40.01	ng		98
85) Di-n-octyl phthalate	21.974	149	266351	40.07	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.874	276	495403	38.05	ng	#	97
88) Benzo(b)fluoranthene	22.780	252	398821	38.67	ng	#	97
89) Benzo(k)fluoranthene	22.827	252	379829	37.67	ng	#	98
90) Benzo(a)pyrene	23.380	252	358150	37.89	ng	#	98
91) Dibenzo(a,h)anthracene	25.880	278	435059	37.87	ng	#	97
92) Benzo(g,h,i)perylene	26.598	276	395757	37.23	ng	#	96

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

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