Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051521\
Data File : BP005566.D
Acq On : 15 May 2021 13:51
Operator : CG/JU
Sample : PB136199BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB136199BSD

Manual Integrations APPROVED
mohammad
5/17/2021 11:22:23 AM

Quant Time: May 16 02:43:57 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	12808	20.00	ng		0.00
21) Naphthalene-d8	10.463	136	40408	20.00	ng		# 0.00
39) Acenaphthene-d10	14.327	164	30240	20.00	ng		0.00
64) Phenanthrene-d10	17.086	188	72821	20.00	ng		# 0.00
76) Chrysene-d12	21.186	240	95333	20.00	ng		# 0.00
86) Perylene-d12	23.486	264	108744	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.263	112	90553	135.68	ng		0.00
7) Phenol-d6	6.875	99	106226	127.65	ng		0.00
23) Nitrobenzene-d5	8.840	82	88957	86.65	ng		-0.01
42) 2,4,6-Tribromophenol	15.833	330	100421	117.02	ng		0.00
45) 2-Fluorobiphenyl	12.945	172	234476	87.47	ng		0.00
79) Terphenyl-d14	19.657	244	490663	87.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.146	88	9548	36.30	ng		94
3) Pyridine	3.563	79	23983	40.58	ng	#	80
4) n-Nitrosodimethylamine	3.475	42	20345	42.81	ng	#	7
6) Aniline	7.010	93	36365	40.49	ng	#	80
8) 2-Chlorophenol	7.245	128	31553	44.02	ng		98
9) Benzaldehyde	6.822	77	23378	56.59	ng	#	74
10) Phenol	6.898	94	37708	45.30	ng	#	51
11) bis(2-Chloroethyl)ether	7.110	93	24001	41.75	ng		96
12) 1,3-Dichlorobenzene	7.557	146	38934	40.82	ng	#	85
13) 1,4-Dichlorobenzene	7.704	146	41055	43.19	ng		95
14) 1,2-Dichlorobenzene	8.022	146	37756	41.44	ng		96
15) Benzyl Alcohol	7.934	79	36968	46.05	ng	#	76
16) 2,2'-oxybis(1-Chloropr...	8.198	45	12034	42.40	ng		70
17) 2-Methylphenol	8.140	107	25053	43.83	ng	#	81
18) Hexachloroethane	8.734	117	16811	42.70	ng	#	83
19) n-Nitroso-di-n-propyla...	8.487	70	25286	41.49	ng		95
20) 3+4-Methylphenols	8.475	107	33069	43.52	ng		85
22) Acetophenone	8.510	105	50608	44.40	ng	#	88
24) Nitrobenzene	8.887	77	41774	40.56	ng	#	89
25) Isophorone	9.410	82	63114	39.70	ng	#	93
26) 2-Nitrophenol	9.592	139	17766	41.20	ng	#	75
27) 2,4-Dimethylphenol	9.669	122	27150	47.57	ng	#	76
28) bis(2-Chloroethoxy)met...	9.892	93	31713	47.65	ng		100
29) 2,4-Dichlorophenol	10.139	162	37260	41.57	ng		96
30) 1,2,4-Trichlorobenzene	10.328	180	47268	41.28	ng		99
31) Naphthalene	10.516	128	92450	42.55	ng		99
32) Benzoic acid	9.881	122	16851	38.22	ng	#	76
33) 4-Chloroaniline	10.651	127	16877	19.94	ng	#	90
34) Hexachlorobutadiene	10.786	225	39499	41.37	ng		99
35) Caprolactam	11.463	113	8031m	38.94	ng		
36) 4-Chloro-3-methylphenol	11.798	107	34531	43.21	ng		91
37) 2-Methylnaphthalene	12.133	142	72976	41.87	ng		98
38) 1-Methylnaphthalene	12.357	142	67397	40.96	ng		96
40) 1,2,4,5-Tetrachloroben...	12.510	216	62355	44.88	ng		97
41) Hexachlorocyclopentadiene	12.475	237	53507	90.46	ng		99
43) 2,4,6-Trichlorophenol	12.769	196	37846	43.60	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	39659	42.34	ng		94
46) 1,1'-Biphenyl	13.157	154	104879	45.05	ng		97
47) 2-Chloronaphthalene	13.198	162	83842	43.25	ng		97
48) 2-Nitroaniline	13.428	65	25121	45.62	ng		97
49) Acenaphthylene	14.045	152	122753	43.95	ng		98
50) Dimethylphthalate	13.798	163	112561	43.12	ng		98
51) 2,6-Dinitrotoluene	13.928	165	23410	39.94	ng		98
52) Acenaphthene	14.392	154	72841	41.92	ng		96
53) 3-Nitroaniline	14.263	138	11414	27.18	ng		81
54) 2,4-Dinitrophenol	14.492	184	31770	89.85	ng	#	79
55) Dibenzofuran	14.727	168	135695	41.51	ng		99
56) 4-Nitrophenol	14.610	139	24063	75.90	ng	#	87
57) 2,4-Dinitrotoluene	14.727	165	35558	41.14	ng	#	85
58) Fluorene	15.380	166	109422	41.00	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.969	232	37342m	39.87	ng		
60) Diethylphthalate	15.163	149	109759	43.41	ng		99
61) 4-Chlorophenyl-phenyle...	15.374	204	72236	43.25	ng		98
62) 4-Nitroaniline	15.433	138	16221	40.20	ng		87
63) Azobenzene	15.669	77	110745	42.49	ng		87
65) 4,6-Dinitro-2-methylph...	15.498	198	22794	39.50	ng		96
66) n-Nitrosodiphenylamine	15.598	169	93634	44.06	ng		93
67) 4-Bromophenyl-phenylether	16.274	248	51310	45.14	ng		98
68) Hexachlorobenzene	16.386	284	62331	43.24	ng		99
69) Atrazine	16.563	200	46934	47.28	ng		95
70) Pentachlorophenol	16.745	266	59161	77.35	ng		95
71) Phenanthrene	17.127	178	176409	42.63	ng		99
72) Anthracene	17.221	178	183081	44.58	ng		98
73) Carbazole	17.504	167	144739	40.02	ng		99
74) Di-n-butylphthalate	18.051	149	171244	43.14	ng	#	96
75) Fluoranthene	19.110	202	229743	40.37	ng		97
77) Benzidine	19.298	184	129526	87.78	ng		100
78) Pyrene	19.462	202	232788	43.13	ng		99
80) Butylbenzylphthalate	20.339	149	77147	44.24	ng		90
81) Benzo(a)anthracene	21.174	228	257269	41.65	ng		98
82) 3,3'-Dichlorobenzidine	21.109	252	80170	34.44	ng	#	95
83) Chrysene	21.227	228	253007	42.25	ng		98
84) Bis(2-ethylhexyl)phtha...	21.092	149	117710	44.14	ng		98
85) Di-n-octyl phthalate	21.980	149	204821	45.73	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.892	276	452993	49.52	ng	#	96
88) Benzo(b)fluoranthene	22.792	252	307333	42.41	ng	#	97
89) Benzo(k)fluoranthene	22.833	252	311501	43.96	ng	#	98
90) Benzo(a)pyrene	23.386	252	303818	45.74	ng	#	99
91) Dibenzo(a,h)anthracene	25.897	278	386557	47.89	ng	#	96
92) Benzo(g,h,i)perylene	26.627	276	366717	49.10	ng	#	96

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

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