Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051421\
Data File : BP005547.D
Acq On : 14 May 2021 14:02
Operator : CG/JU
Sample : PB136376BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB136376BS

Manual Integrations APPROVED
mohammad
5/17/2021 11:19:10 AM

Quant Time: May 14 14:49:18 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	7.675	152	14401	20.00	ng		0.00
21) Naphthalene-d8	10.469	136	45164	20.00	ng		# 0.00
39) Acenaphthene-d10	14.334	164	34982	20.00	ng		0.00
64) Phenanthrene-d10	17.086	188	82078	20.00	ng		# 0.00
76) Chrysene-d12	21.186	240	106557	20.00	ng		# 0.00
86) Perylene-d12	23.492	264	121157	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.269	112	104988	139.91	ng		0.00
7) Phenol-d6	6.881	99	120301	128.57	ng		0.00
23) Nitrobenzene-d5	8.846	82	99331	86.56	ng		0.00
42) 2,4,6-Tribromophenol	15.834	330	113858	114.70	ng		0.00
45) 2-Fluorobiphenyl	12.951	172	265670	85.67	ng		0.00
79) Terphenyl-d14	19.663	244	564449	89.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.158	88	9806	32.74	ng	#	89
3) Pyridine	3.564	79	26723	40.22	ng	#	79
4) n-Nitrosodimethylamine	3.481	42	23955	44.83	ng	#	9
6) Aniline	7.016	93	38932	38.55	ng	#	84
8) 2-Chlorophenol	7.246	128	35537	44.09	ng		89
9) Benzaldehyde	6.828	77	27507	59.40	ng	#	70
10) Phenol	6.905	94	42021	44.90	ng	#	51
11) bis(2-Chloroethyl)ether	7.116	93	27776	42.97	ng		95
12) 1,3-Dichlorobenzene	7.563	146	45282	42.23	ng	#	87
13) 1,4-Dichlorobenzene	7.710	146	46279	43.30	ng		99
14) 1,2-Dichlorobenzene	8.022	146	44381	43.33	ng		99
15) Benzyl Alcohol	7.940	79	39776	44.07	ng	#	74
16) 2,2'-oxybis(1-Chloropr...	8.210	45	13464	42.19	ng	#	57
17) 2-Methylphenol	8.146	107	27241	42.38	ng	#	78
18) Hexachloroethane	8.740	117	19191	43.35	ng		93
19) n-Nitroso-di-n-propyla...	8.499	70	28725	41.92	ng		94
20) 3+4-Methylphenols	8.481	107	37730	44.16	ng		87
22) Acetophenone	8.510	105	56610	44.43	ng	#	87
24) Nitrobenzene	8.893	77	48808	42.40	ng	#	89
25) Isophorone	9.416	82	70872	39.88	ng	#	97
26) 2-Nitrophenol	9.599	139	20595	42.73	ng	#	76
27) 2,4-Dimethylphenol	9.675	122	30356	47.58	ng	#	82
28) bis(2-Chloroethoxy)met...	9.899	93	33827	45.47	ng		97
29) 2,4-Dichlorophenol	10.140	162	42740	42.66	ng		96
30) 1,2,4-Trichlorobenzene	10.340	180	53159	41.54	ng		98
31) Naphthalene	10.522	128	103551	42.64	ng		99
32) Benzoic acid	9.881	122	19001	38.55	ng	#	71
33) 4-Chloroaniline	10.657	127	18952	20.04	ng	#	91
34) Hexachlorobutadiene	10.793	225	45816	42.93	ng		99
35) Caprolactam	11.469	113	9066m	39.33	ng		
36) 4-Chloro-3-methylphenol	11.804	107	37288	41.75	ng		96
37) 2-Methylnaphthalene	12.140	142	81183	41.67	ng		93
38) 1-Methylnaphthalene	12.363	142	75672	41.15	ng		99
40) 1,2,4,5-Tetrachloroben...	12.516	216	68820	42.82	ng		97
41) Hexachlorocyclopentadiene	12.481	237	70775	102.31	ng		98
43) 2,4,6-Trichlorophenol	12.775	196	41623	41.45	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	44818	41.36	ng		94
46) 1,1'-Biphenyl	13.163	154	118018	43.82	ng		94
47) 2-Chloronaphthalene	13.204	162	95235	42.47	ng		99
48) 2-Nitroaniline	13.434	65	28134	44.16	ng		95
49) Acenaphthylene	14.051	152	137276	42.49	ng		96
50) Dimethylphthalate	13.804	163	125727	41.63	ng		100
51) 2,6-Dinitrotoluene	13.928	165	26552	39.16	ng		92
52) Acenaphthene	14.398	154	81076	40.33	ng		98
53) 3-Nitroaniline	14.269	138	12283	25.28	ng		84
54) 2,4-Dinitrophenol	14.492	184	34637	84.68	ng	#	85
55) Dibenzofuran	14.734	168	152434	40.31	ng		95
56) 4-Nitrophenol	14.610	139	27050	73.76	ng	#	74
57) 2,4-Dinitrotoluene	14.728	165	40423	40.43	ng	#	86
58) Fluorene	15.387	166	124215	40.24	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.975	232	40817	37.67	ng		93
60) Diethylphthalate	15.169	149	120149	41.08	ng		94
61) 4-Chlorophenyl-phenyle...	15.381	204	81394	42.13	ng		97
62) 4-Nitroaniline	15.434	138	16217	34.74	ng	#	69
63) Azobenzene	15.675	77	124876	41.42	ng		89
65) 4,6-Dinitro-2-methylph...	15.498	198	25129	38.63	ng		98
66) n-Nitrosodiphenylamine	15.604	169	106491	44.46	ng	#	92
67) 4-Bromophenyl-phenylether	16.281	248	56606	44.18	ng		99
68) Hexachlorobenzene	16.392	284	69902	43.02	ng		98
69) Atrazine	16.569	200	51874	46.36	ng		95
70) Pentachlorophenol	16.751	266	71587	83.04	ng		98
71) Phenanthrene	17.133	178	198562	42.57	ng		100
72) Anthracene	17.222	178	204334	44.15	ng		99
73) Carbazole	17.510	167	160111	39.28	ng		98
74) Di-n-butylphthalate	18.057	149	191276	42.75	ng	#	97
75) Fluoranthene	19.110	202	261822	40.81	ng		97
77) Benzidine	19.304	184	148928	90.29	ng		99
78) Pyrene	19.463	202	262741	43.55	ng		99
80) Butylbenzylphthalate	20.339	149	85415	43.82	ng		89
81) Benzo(a)anthracene	21.174	228	291255	42.18	ng		99
82) 3,3'-Dichlorobenzidine	21.110	252	89161	34.27	ng		99
83) Chrysene	21.227	228	289534	43.26	ng		96
84) Bis(2-ethylhexyl)phtha...	21.098	149	132133	44.33	ng	#	98
85) Di-n-octyl phthalate	21.986	149	228094	45.56	ng	#	92
87) Indeno(1,2,3-cd)pyrene	25.898	276	468209	45.94	ng	#	96
88) Benzo(b)fluoranthene	22.792	252	344920	42.72	ng	#	99
89) Benzo(k)fluoranthene	22.839	252	340010	43.07	ng	#	98
90) Benzo(a)pyrene	23.398	252	332841	44.98	ng	#	99
91) Dibenzo(a,h)anthracene	25.910	278	409709	45.55	ng	#	97
92) Benzo(g,h,i)perylene	26.633	276	377139	45.32	ng	#	96

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

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