Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051521\
Data File : BP005567.D
Acq On : 15 May 2021 14:24
Operator : CG/JU
Sample : PB136402BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB136402BS

Manual Integrations APPROVED
mohammad
5/17/2021 11:22:26 AM

Quant Time: May 16 02:44:21 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	11576	20.00	ng	0.00
21) Naphthalene-d8	10.463	136	38889	20.00	ng	# 0.00
39) Acenaphthene-d10	14.322	164	29363	20.00	ng	-0.01
64) Phenanthrene-d10	17.081	188	72328	20.00	ng	# 0.00
76) Chrysene-d12	21.186	240	95585	20.00	ng	# 0.00
86) Perylene-d12	23.486	264	109923	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	89368	148.16	ng	0.00
7) Phenol-d6	6.875	99	103805	138.01	ng	0.00
23) Nitrobenzene-d5	8.840	82	84967	86.00	ng	-0.01
42) 2,4,6-Tribromophenol	15.828	330	100036	120.06	ng	-0.01
45) 2-Fluorobiphenyl	12.945	172	227752	87.50	ng	0.00
79) Terphenyl-d14	19.657	244	493393	87.66	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.152	88	8185	34.18	ng	# 91
3) Pyridine	3.564	79	20781	38.91	ng	# 80
4) n-Nitrosodimethylamine	3.475	42	19165	44.62	ng	# 9
6) Aniline	7.010	93	33915	41.78	ng	# 81
8) 2-Chlorophenol	7.246	128	31121	48.04	ng	95
9) Benzaldehyde	6.822	77	22943	61.79	ng	# 78
10) Phenol	6.899	94	36113	48.00	ng	# 42
11) bis(2-Chloroethyl)ether	7.110	93	23542	45.31	ng	96
12) 1,3-Dichlorobenzene	7.557	146	36043	41.82	ng	# 83
13) 1,4-Dichlorobenzene	7.705	146	38104	44.35	ng	100
14) 1,2-Dichlorobenzene	8.016	146	36289	44.07	ng	98
15) Benzyl Alcohol	7.934	79	35445	48.85	ng	# 80
16) 2,2'-oxybis(1-Chloropr...	8.205	45	11884	46.33	ng	63
17) 2-Methylphenol	8.140	107	24233	46.90	ng	# 79
18) Hexachloroethane	8.734	117	15504	43.57	ng	# 86
19) n-Nitroso-di-n-propyla...	8.493	70	25107	45.58	ng	97
20) 3+4-Methylphenols	8.475	107	32886	47.88	ng	85
22) Acetophenone	8.505	105	47787	43.56	ng	# 89
24) Nitrobenzene	8.881	77	40950	41.32	ng	# 94
25) Isophorone	9.410	82	61165	39.98	ng	# 95
26) 2-Nitrophenol	9.593	139	17306	41.70	ng	# 71
27) 2,4-Dimethylphenol	9.669	122	27631	50.30	ng	# 83
28) bis(2-Chloroethoxy)met...	9.893	93	29916	46.71	ng	96
29) 2,4-Dichlorophenol	10.140	162	37049	42.95	ng	94
30) 1,2,4-Trichlorobenzene	10.328	180	45671	41.45	ng	97
31) Naphthalene	10.516	128	88394	42.27	ng	97
32) Benzoic acid	9.881	122	17516	41.28	ng	# 79
33) 4-Chloroaniline	10.657	127	18535	22.76	ng	99
34) Hexachlorobutadiene	10.787	225	37487	40.79	ng	99
35) Caprolactam	11.463	113	8042m	40.52	ng	
36) 4-Chloro-3-methylphenol	11.798	107	33347	43.36	ng	94
37) 2-Methylnaphthalene	12.134	142	70993	42.32	ng	94
38) 1-Methylnaphthalene	12.357	142	65661	41.46	ng	98
40) 1,2,4,5-Tetrachloroben...	12.510	216	59727	44.27	ng	97
41) Hexachlorocyclopentadiene	12.475	237	52174	90.81	ng	96
43) 2,4,6-Trichlorophenol	12.769	196	37095	44.01	ng	89

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	38360	42.17	ng		93
46) 1,1'-Biphenyl	13.157	154	101799	45.03	ng		93
47) 2-Chloronaphthalene	13.198	162	82232	43.68	ng		98
48) 2-Nitroaniline	13.428	65	24293	45.43	ng		99
49) Acenaphthylene	14.045	152	121039	44.63	ng		99
50) Dimethylphthalate	13.798	163	111034	43.81	ng		99
51) 2,6-Dinitrotoluene	13.922	165	23716	41.67	ng		91
52) Acenaphthene	14.392	154	72513	42.98	ng		97
53) 3-Nitroaniline	14.263	138	10414	25.54	ng		82
54) 2,4-Dinitrophenol	14.492	184	32468	94.56	ng		87
55) Dibenzofuran	14.728	168	132604	41.78	ng		98
56) 4-Nitrophenol	14.610	139	24210	78.65	ng	#	84
57) 2,4-Dinitrotoluene	14.728	165	35816	42.68	ng	#	85
58) Fluorene	15.381	166	111171	42.90	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.969	232	39641	43.59	ng		99
60) Diethylphthalate	15.163	149	106143	43.23	ng		96
61) 4-Chlorophenyl-phenyle...	15.375	204	70794	43.66	ng		98
62) 4-Nitroaniline	15.434	138	15301	39.05	ng	#	82
63) Azobenzene	15.669	77	107696	42.56	ng		85
65) 4,6-Dinitro-2-methylph...	15.498	198	22362	39.01	ng		96
66) n-Nitrosodiphenylamine	15.598	169	93220	44.16	ng	#	92
67) 4-Bromophenyl-phenylether	16.275	248	49282	43.65	ng		96
68) Hexachlorobenzene	16.386	284	62631	43.74	ng		98
69) Atrazine	16.563	200	44607	45.24	ng		98
70) Pentachlorophenol	16.745	266	62273	81.97	ng		96
71) Phenanthrene	17.128	178	175046	42.59	ng		99
72) Anthracene	17.216	178	182515	44.75	ng		98
73) Carbazole	17.504	167	146834	40.88	ng		99
74) Di-n-butylphthalate	18.051	149	170623	43.27	ng		97
75) Fluoranthene	19.110	202	230407	40.76	ng		97
77) Benzidine	19.298	184	127471	86.16	ng		99
78) Pyrene	19.457	202	237557	43.90	ng		100
80) Butylbenzylphthalate	20.339	149	77953	44.58	ng		94
81) Benzo(a)anthracene	21.174	228	261217	42.17	ng		99
82) 3,3'-Dichlorobenzidine	21.110	252	81268	34.82	ng		95
83) Chrysene	21.221	228	259882	43.29	ng		98
84) Bis(2-ethylhexyl)phtha...	21.092	149	120018	44.89	ng	#	96
85) Di-n-octyl phthalate	21.980	149	209095	46.56	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.886	276	457441	49.47	ng	#	97
88) Benzo(b)fluoranthene	22.786	252	319604	43.63	ng	#	98
89) Benzo(k)fluoranthene	22.833	252	311619	43.51	ng	#	98
90) Benzo(a)pyrene	23.386	252	315970	47.06	ng	#	97
91) Dibenzo(a,h)anthracene	25.898	278	396536	48.60	ng	#	97
92) Benzo(g,h,i)perylene	26.621	276	374621	49.62	ng	#	94

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

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