Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051721\
Data File : BP005587.D
Acq On : 17 May 2021 18:48
Operator : CG/JU
Sample : M2413-05MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
124055MSD

Manual Integrations APPROVED
mohammad
5/19/2021 11:37:29 AM

Quant Time: May 18 00:53:37 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 17 15:35:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.664	152	11950	20.00	ng		0.00
21) Naphthalene-d8	10.452	136	38098	20.00	ng	#	0.00
39) Acenaphthene-d10	14.316	164	32385	20.00	ng	#	0.00
64) Phenanthrene-d10	17.069	188	79420	20.00	ng	#	0.00
76) Chrysene-d12	21.175	240	111059	20.00	ng	#	0.00
86) Perylene-d12	23.469	264	124811	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.258	112	68834	110.54	ng		0.00
7) Phenol-d6	6.864	99	82997	106.89	ng		0.00
23) Nitrobenzene-d5	8.834	82	70767	73.11	ng		0.00
42) 2,4,6-Tribromophenol	15.816	330	88661	96.48	ng		0.00
45) 2-Fluorobiphenyl	12.934	172	185377	64.57	ng		0.00
79) Terphenyl-d14	19.645	244	410205	62.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.140	88	9167	37.49	ng	#	86
3) Pyridine	3.552	79	22926	41.58	ng	#	77
4) n-Nitrosodimethylamine	3.470	42	19467	43.90	ng	#	3
6) Aniline	7.005	93	21991	26.24	ng	#	80
8) 2-Chlorophenol	7.234	128	28825	43.10	ng		89
9) Benzaldehyde	6.817	77	24613	64.37	ng	#	70
10) Phenol	6.893	94	36381	46.85	ng	#	51
11) bis(2-Chloroethyl)ether	7.105	93	23716	44.21	ng		98
12) 1,3-Dichlorobenzene	7.552	146	37627	42.29	ng	#	88
13) 1,4-Dichlorobenzene	7.699	146	38241	43.12	ng		97
14) 1,2-Dichlorobenzene	8.011	146	36253	42.65	ng		94
15) Benzyl Alcohol	7.922	79	34563	46.14	ng	#	76
16) 2,2'-oxybis(1-Chloropr...	8.193	45	11332	42.79	ng	#	47
17) 2-Methylphenol	8.134	107	23703	44.44	ng	#	79
18) Hexachloroethane	8.722	117	16215	44.14	ng		91
19) n-Nitroso-di-n-propyla...	8.481	70	24967	43.91	ng	#	89
20) 3+4-Methylphenols	8.469	107	32352	45.63	ng		84
22) Acetophenone	8.499	105	48149	44.80	ng	#	87
24) Nitrobenzene	8.875	77	42494	43.76	ng	#	90
25) Isophorone	9.399	82	60446	40.33	ng	#	98
26) 2-Nitrophenol	9.581	139	17516	43.08	ng	#	82
27) 2,4-Dimethylphenol	9.652	122	26908	50.00	ng	#	85
28) bis(2-Chloroethoxy)met...	9.881	93	30454	48.53	ng		100
29) 2,4-Dichlorophenol	10.128	162	37298	44.13	ng		97
30) 1,2,4-Trichlorobenzene	10.322	180	47132	43.66	ng		97
31) Naphthalene	10.499	128	88350	43.12	ng		98
32) Benzoic acid	9.869	122	17333	41.69	ng	#	74
33) 4-Chloroaniline	10.652	127	9603	12.04	ng		95
34) Hexachlorobutadiene	10.775	225	40412	44.89	ng		96
35) Caprolactam	11.446	113	8111m	41.71	ng		
36) 4-Chloro-3-methylphenol	11.787	107	34242	45.45	ng		96
37) 2-Methylnaphthalene	12.122	142	73116	44.49	ng		96
38) 1-Methylnaphthalene	12.346	142	67295	43.38	ng		90
40) 1,2,4,5-Tetrachloroben...	12.499	216	63735	42.83	ng		98
41) Hexachlorocyclopentadiene	12.463	237	51713	82.41	ng		98
43) 2,4,6-Trichlorophenol	12.757	196	38552	41.47	ng		91

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.840	196	40724	40.59	ng		94
46) 1,1'-Biphenyl	13.146	154	105538	42.33	ng		99
47) 2-Chloronaphthalene	13.187	162	84305	40.61	ng		99
48) 2-Nitroaniline	13.416	65	25991	44.07	ng		92
49) Acenaphthylene	14.034	152	125245	41.87	ng		97
50) Dimethylphthalate	13.787	163	147532	52.77	ng		99
51) 2,6-Dinitrotoluene	13.916	165	24638	39.25	ng		93
52) Acenaphthene	14.375	154	76751	41.24	ng		94
53) 3-Nitroaniline	14.251	138	8903	19.79	ng	#	81
54) 2,4-Dinitrophenol	14.481	184	34122	90.11	ng	#	85
55) Dibenzofuran	14.716	168	142546	40.72	ng		97
56) 4-Nitrophenol	14.593	139	26425	77.83	ng	#	80
57) 2,4-Dinitrotoluene	14.716	165	37820	40.86	ng	#	85
58) Fluorene	15.369	166	118319	41.40	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.957	232	39958	39.83	ng		98
60) Diethylphthalate	15.151	149	113590	41.95	ng		99
61) 4-Chlorophenyl-phenyle...	15.363	204	76875	42.98	ng		98
62) 4-Nitroaniline	15.422	138	16221	37.54	ng	#	82
63) Azobenzene	15.657	77	119855	42.94	ng		89
65) 4,6-Dinitro-2-methylph...	15.487	198	24534	38.98	ng		95
66) n-Nitrosodiphenylamine	15.587	169	100588	43.40	ng	#	92
67) 4-Bromophenyl-phenylether	16.263	248	55505	44.77	ng		97
68) Hexachlorobenzene	16.375	284	67930	43.21	ng		98
69) Atrazine	16.551	200	49010	45.26	ng		100
70) Pentachlorophenol	16.734	266	71400	85.59	ng		95
71) Phenanthrene	17.116	178	193868	42.96	ng		98
72) Anthracene	17.204	178	198071	44.23	ng		99
73) Carbazole	17.492	167	162375	41.17	ng		99
74) Di-n-butylphthalate	18.039	149	195527	45.16	ng	#	96
75) Fluoranthene	19.098	202	275354	44.36	ng		97
77) Benzidine	19.292	184	133404	77.60	ng		98
78) Pyrene	19.445	202	283101	45.02	ng		99
80) Butylbenzylphthalate	20.328	149	95255	46.89	ng		93
81) Benzo(a)anthracene	21.163	228	322291	44.78	ng		99
82) 3,3'-Dichlorobenzidine	21.098	252	95810	35.34	ng		98
83) Chrysene	21.210	228	315329	45.21	ng		98
84) Bis(2-ethylhexyl)phtha...	21.086	149	148233	47.72	ng	#	99
85) Di-n-octyl phthalate	21.969	149	246930	47.33	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.851	276	460578	43.86	ng	#	96
88) Benzo(b)fluoranthene	22.775	252	376640	45.29	ng	#	96
89) Benzo(k)fluoranthene	22.816	252	370211	45.52	ng	#	98
90) Benzo(a)pyrene	23.369	252	356969	46.82	ng	#	98
91) Dibenzo(a,h)anthracene	25.863	278	397918	42.95	ng	#	99
92) Benzo(g,h,i)perylene	26.580	276	356014	41.53	ng	#	95

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

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