Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052821\
Data File : BF124110.D
Acq On : 28 May 2021 17:05
Operator : JU/CG
Sample : M2537-01MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-016-ABCDMS

Manual Integrations APPROVED
mohammad
6/1/2021 1:19:18 PM

Quant Time: May 28 17:38:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 27 13:12:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	36076	20.00	ng		0.00
21) Naphthalene-d8	8.157	136	120393	20.00	ng		0.00
39) Acenaphthene-d10	9.916	164	62444	20.00	ng		0.00
64) Phenanthrene-d10	11.398	188	97688	20.00	ng		0.00
76) Chrysene-d12	14.045	240	84662	20.00	ng		0.00
86) Perylene-d12	15.533	264	98838	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	243116	94.62	ng		0.00
7) Phenol-d6	6.504	99	291764	87.53	ng		0.00
23) Nitrobenzene-d5	7.440	82	225983	80.87	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	83238	110.98	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	383784	75.63	ng		0.00
79) Terphenyl-d14	12.986	244	359877	64.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	40643	36.02	ng		97
3) Pyridine	3.446	79	95739	32.87	ng		88
4) n-Nitrosodimethylamine	3.399	42	68176	36.04	ng		98
6) Aniline	6.534	93	112044	29.61	ng		97
8) 2-Chlorophenol	6.657	128	101139	37.82	ng		97
9) Benzaldehyde	6.422	77	78492	54.42	ng		90
10) Phenol	6.522	94	129800	38.53	ng		93
11) bis(2-Chloroethyl)ether	6.604	93	104281	39.83	ng		95
12) 1,3-Dichlorobenzene	6.816	146	127572m	40.95	ng		
13) 1,4-Dichlorobenzene	6.893	146	131860	41.37	ng		93
14) 1,2-Dichlorobenzene	7.045	146	122182	41.03	ng		97
15) Benzyl Alcohol	7.016	79	101168	35.14	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.145	45	166796	31.64	ng		91
17) 2-Methylphenol	7.128	107	78278	36.10	ng		93
18) Hexachloroethane	7.387	117	51037	43.21	ng	#	90
19) n-Nitroso-di-n-propyla...	7.287	70	83608	37.12	ng		92
20) 3+4-Methylphenols	7.281	107	104300	36.52	ng	#	74
22) Acetophenone	7.281	105	156599	45.81	ng	#	91
24) Nitrobenzene	7.457	77	120910	42.32	ng		98
25) Isophorone	7.692	82	202661	37.70	ng		99
26) 2-Nitrophenol	7.769	139	56536	52.60	ng		92
27) 2,4-Dimethylphenol	7.810	122	82967	40.31	ng		89
28) bis(2-Chloroethoxy)met...	7.904	93	118963	44.01	ng		98
29) 2,4-Dichlorophenol	8.016	162	84566	40.60	ng		90
30) 1,2,4-Trichlorobenzene	8.098	180	101701	43.43	ng		98
31) Naphthalene	8.181	128	290411	40.76	ng		99
32) Benzoic acid	7.922	122	42864	37.95	ng		94
33) 4-Chloroaniline	8.222	127	34522	12.73	ng		95
34) Hexachlorobutadiene	8.298	225	74165	48.37	ng		98
35) Caprolactam	8.592	113	19887m	35.06	ng		
36) 4-Chloro-3-methylphenol	8.710	107	87396	38.36	ng		90
37) 2-Methylnaphthalene	8.869	142	194415	40.26	ng		98
38) 1-Methylnaphthalene	8.969	142	180653	40.09	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	105600	46.89	ng		96
41) Hexachlorocyclopentadiene	9.028	237	128047	89.39	ng		97
43) 2,4,6-Trichlorophenol	9.151	196	58401	39.96	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	62809	41.37	ng		97
46) 1,1'-Biphenyl	9.334	154	238919	43.44	ng		99
47) 2-Chloronaphthalene	9.363	162	178376	40.83	ng		93
48) 2-Nitroaniline	9.451	65	63047	42.74	ng		96
49) Acenaphthylene	9.775	152	258238	40.01	ng		98
50) Dimethylphthalate	9.633	163	205836	41.28	ng		99
51) 2,6-Dinitrotoluene	9.692	165	44170	43.80	ng		91
52) Acenaphthene	9.951	154	168536	38.14	ng		97
53) 3-Nitroaniline	9.863	138	19337	19.30	ng		97
54) 2,4-Dinitrophenol	9.975	184	42370	78.33	ng		87
55) Dibenzofuran	10.122	168	244982	38.61	ng		98
56) 4-Nitrophenol	10.028	139	61137	73.76	ng		92
57) 2,4-Dinitrotoluene	10.098	165	57704	46.66	ng	#	93
58) Fluorene	10.463	166	186769	39.06	ng		94
59) 2,3,4,6-Tetrachlorophenol	10.239	232	49644	39.77	ng	#	95
60) Diethylphthalate	10.333	149	197102	39.91	ng		97
61) 4-Chlorophenyl-phenyle...	10.457	204	94699	39.52	ng		90
62) 4-Nitroaniline	10.475	138	37209	37.33	ng	#	77
63) Azobenzene	10.616	77	197624	35.98	ng		95
65) 4,6-Dinitro-2-methylph...	10.510	198	28511	45.61	ng	#	71
66) n-Nitrosodiphenylamine	10.575	169	158280	42.41	ng		94
67) 4-Bromophenyl-phenylether	10.945	248	58474	45.55	ng		97
68) Hexachlorobenzene	11.016	284	63588	44.37	ng	#	89
69) Atrazine	11.098	200	55506	52.65	ng		98
70) Pentachlorophenol	11.210	266	66993	78.84	ng		97
71) Phenanthrene	11.428	178	263147	42.50	ng		97
72) Anthracene	11.480	178	264360	42.14	ng		98
73) Carbazole	11.633	167	207685	37.84	ng		95
74) Di-n-butylphthalate	11.963	149	301800	43.93	ng		98
75) Fluoranthene	12.616	202	267565	41.74	ng		98
77) Benzidine	12.733	184	132565	64.89	ng	#	94
78) Pyrene	12.845	202	264868	35.24	ng		99
80) Butylbenzylphthalate	13.463	149	126192	42.81	ng		99
81) Benzo(a)anthracene	14.033	228	259759	42.42	ng		97
82) 3,3'-Dichlorobenzidine	13.992	252	57225	30.08	ng		93
83) Chrysene	14.074	228	248801	42.25	ng		98
84) Bis(2-ethylhexyl)phtha...	14.021	149	192463	46.27	ng		95
85) Di-n-octyl phthalate	14.639	149	334234	53.16	ng		94
87) Indeno(1,2,3-cd)pyrene	17.033	276	365516	47.89	ng		98
88) Benzo(b)fluoranthene	15.098	252	295242	38.62	ng		96
89) Benzo(k)fluoranthene	15.127	252	291828	41.88	ng		99
90) Benzo(a)pyrene	15.474	252	291002	44.03	ng		99
91) Dibenzo(a,h)anthracene	17.057	278	308367	47.97	ng		97
92) Benzo(g,h,i)perylene	17.498	276	301266	46.73	ng		99

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

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