Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
Data File : BF123946.D
Acq On : 15 May 2021 15:45
Operator : JU/CG
Sample : M2383-05MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: May 16 05:19:54 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
KSB-03(7-9)MSD

Manual Integrations APPROVED
mohammad
5/17/2021 11:23:09 AM
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	39552	20.00	ng		0.00
21) Naphthalene-d8	8.186	136	156009	20.00	ng		# 0.00
39) Acenaphthene-d10	9.945	164	88490	20.00	ng		0.00
64) Phenanthrene-d10	11.433	188	138363	20.00	ng		# 0.00
76) Chrysene-d12	14.074	240	98793	20.00	ng		0.00
86) Perylene-d12	15.562	264	85668	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	309239	109.78	ng		0.01
7) Phenol-d6	6.528	99	397029	108.65	ng		0.00
23) Nitrobenzene-d5	7.469	82	290921	80.35	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	110149	103.64	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	491753	68.39	ng		0.00
79) Terphenyl-d14	13.015	244	385514	59.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	44852	36.25	ng		95
3) Pyridine	3.493	79	112604	35.27	ng		99
4) n-Nitrosodimethylamine	3.446	42	90015	43.40	ng	#	87
6) Aniline	6.563	93	80062	19.30	ng		99
8) 2-Chlorophenol	6.686	128	131157	44.74	ng		98
9) Benzaldehyde	6.451	77	112113	70.90	ng		91
10) Phenol	6.539	94	173666	47.02	ng		98
11) bis(2-Chloroethyl)ether	6.639	93	130061	45.31	ng		98
12) 1,3-Dichlorobenzene	6.845	146	151594	44.39	ng		93
13) 1,4-Dichlorobenzene	6.922	146	152482	43.64	ng		97
14) 1,2-Dichlorobenzene	7.075	146	143676	44.00	ng		98
15) Benzyl Alcohol	7.039	79	143557	45.48	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.181	45	264296	45.74	ng		99
17) 2-Methylphenol	7.151	107	112103	47.16	ng		94
18) Hexachloroethane	7.422	117	57915	44.72	ng	#	85
19) n-Nitroso-di-n-propyla...	7.316	70	115177	46.64	ng		99
20) 3+4-Methylphenols	7.304	107	145978	46.62	ng		93
22) Acetophenone	7.316	105	200954	45.36	ng	#	93
24) Nitrobenzene	7.486	77	157083	42.43	ng		96
25) Isophorone	7.728	82	290562	41.71	ng		98
26) 2-Nitrophenol	7.804	139	66859	48.01	ng		99
27) 2,4-Dimethylphenol	7.833	122	126581	47.46	ng		95
28) bis(2-Chloroethoxy)met...	7.933	93	159288	45.48	ng		98
29) 2,4-Dichlorophenol	8.039	162	117453	43.51	ng		95
30) 1,2,4-Trichlorobenzene	8.128	180	128328	42.29	ng		95
31) Naphthalene	8.210	128	438734	47.52	ng		99
32) Benzoic acid	7.951	122	70206	47.97	ng		90
33) 4-Chloroaniline	8.251	127	24153	6.87	ng		95
34) Hexachlorobutadiene	8.328	225	82747	41.65	ng		98
35) Caprolactam	8.622	113	32043m	43.60	ng		
36) 4-Chloro-3-methylphenol	8.733	107	131174	44.44	ng		93
37) 2-Methylnaphthalene	8.904	142	290032	46.35	ng		99
38) 1-Methylnaphthalene	9.004	142	265606	45.48	ng		96
40) 1,2,4,5-Tetrachloroben...	9.069	216	132324	41.46	ng		97
41) Hexachlorocyclopentadiene	9.057	237	120565	59.39	ng		95
43) 2,4,6-Trichlorophenol	9.175	196	83508	40.33	ng		100

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44) 2,4,5-Trichlorophenol	9.216	196	86354	40.14	ng	#	88
46) 1,1'-Biphenyl	9.369	154	346208	44.42	ng		100
47) 2-Chloronaphthalene	9.392	162	251826	40.68	ng		97
48) 2-Nitroaniline	9.480	65	99394	47.55	ng		91
49) Acenaphthylene	9.810	152	396576	43.36	ng		98
50) Dimethylphthalate	9.669	163	342142	48.42	ng		97
51) 2,6-Dinitrotoluene	9.727	165	68429	47.89	ng	#	83
52) Acenaphthene	9.980	154	265041	42.33	ng		94
53) 3-Nitroaniline	9.892	138	28889	20.34	ng		88
54) 2,4-Dinitrophenol	9.998	184	27330	39.62	ng	#	85
55) Dibenzofuran	10.151	168	380850	42.35	ng		98
56) 4-Nitrophenol	10.045	139	98417	83.78	ng		98
57) 2,4-Dinitrotoluene	10.127	165	84892	48.44	ng	#	95
58) Fluorene	10.492	166	289747	42.76	ng		93
59) 2,3,4,6-Tetrachlorophenol	10.269	232	71115	40.20	ng		94
60) Diethylphthalate	10.369	149	311951	44.58	ng		96
61) 4-Chlorophenyl-phenyle...	10.486	204	142772	42.04	ng		96
62) 4-Nitroaniline	10.504	138	53882	38.15	ng		91
63) Azobenzene	10.645	77	318362	40.91	ng		93
65) 4,6-Dinitro-2-methylph...	10.533	198	21968	27.29	ng		86
66) n-Nitrosodiphenylamine	10.604	169	245484	46.43	ng		96
67) 4-Bromophenyl-phenylether	10.974	248	81547	44.84	ng	#	89
68) Hexachlorobenzene	11.039	284	88608	43.65	ng	#	89
69) Atrazine	11.127	200	79286	53.10	ng		99
70) Pentachlorophenol	11.233	266	93931	78.05	ng		92
71) Phenanthrene	11.457	178	505385	57.63	ng		98
72) Anthracene	11.510	178	411518	46.31	ng		98
73) Carbazole	11.657	167	305770	39.33	ng		97
74) Di-n-butylphthalate	11.992	149	426461	43.83	ng		99
75) Fluoranthene	12.645	202	507506	55.89	ng		99
77) Benzidine	12.763	184	102252m	42.90	ng		
78) Pyrene	12.880	202	506638	57.76	ng		97
80) Butylbenzylphthalate	13.492	149	149294	43.41	ng		100
81) Benzo(a)anthracene	14.063	228	379970	53.18	ng		98
82) 3,3'-Dichlorobenzidine	14.021	252	49929	22.49	ng		98
83) Chrysene	14.104	228	359821	52.36	ng		99
84) Bis(2-ethylhexyl)phtha...	14.057	149	210406	43.35	ng		98
85) Di-n-octyl phthalate	14.668	149	338636	46.16	ng		100
87) Indeno(1,2,3-cd)pyrene	17.068	276	230461	34.83	ng		95
88) Benzo(b)fluoranthene	15.133	252	380076m	57.35	ng		
89) Benzo(k)fluoranthene	15.162	252	299297	49.56	ng		98
90) Benzo(a)pyrene	15.504	252	314469	54.89	ng		98
91) Dibenzo(a,h)anthracene	17.092	278	177283	31.82	ng		95
92) Benzo(g,h,i)perylene	17.527	276	187286	33.52	ng		94

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

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