Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052621\
Data File : BF124064.D
Acq On : 26 May 2021 14:37
Operator : JU/CG
Sample : M2516-01MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1-5-TPMSD

Manual Integrations APPROVED
mohammad
5/27/2021 1:48:53 PM

Quant Time: May 26 14:58:07 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	51416	20.00	ng		-0.01
21) Naphthalene-d8	8.181	136	198116	20.00	ng		0.00
39) Acenaphthene-d10	9.939	164	122663	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	232819	20.00	ng		0.00
76) Chrysene-d12	14.074	240	126947	20.00	ng	#	0.00
86) Perylene-d12	15.562	264	114129	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	386886	105.65	ng		0.01
7) Phenol-d6	6.528	99	489277	103.00	ng		0.00
23) Nitrobenzene-d5	7.457	82	375545	81.67	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	199114	135.15	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	710130	71.24	ng		0.00
79) Terphenyl-d14	13.016	244	825506	98.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	48297	30.03	ng		97
3) Pyridine	3.487	79	125923	30.34	ng		93
4) n-Nitrosodimethylamine	3.446	42	94765	35.15	ng		93
6) Aniline	6.557	93	150669	27.94	ng		93
8) 2-Chlorophenol	6.681	128	157680	41.37	ng		98
9) Benzaldehyde	6.445	77	121430	59.07	ng		92
10) Phenol	6.540	94	210985	43.94	ng		92
11) bis(2-Chloroethyl)ether	6.628	93	159217	42.67	ng		96
12) 1,3-Dichlorobenzene	6.834	146	180311	40.61	ng		95
13) 1,4-Dichlorobenzene	6.910	146	187060	41.18	ng		95
14) 1,2-Dichlorobenzene	7.063	146	176170	41.51	ng		99
15) Benzyl Alcohol	7.034	79	169368	41.28	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.169	45	275839	36.72	ng		91
17) 2-Methylphenol	7.151	107	131818	42.66	ng	#	91
18) Hexachloroethane	7.410	117	73378	43.59	ng	#	86
19) n-Nitroso-di-n-propyla...	7.310	70	136407	42.49	ng		92
20) 3+4-Methylphenols	7.298	107	177196	43.53	ng	#	85
22) Acetophenone	7.304	105	238800	42.45	ng	#	92
24) Nitrobenzene	7.481	77	194056	41.27	ng		99
25) Isophorone	7.716	82	351732	39.76	ng		99
26) 2-Nitrophenol	7.792	139	92723	52.43	ng		94
27) 2,4-Dimethylphenol	7.828	122	146458	43.25	ng		95
28) bis(2-Chloroethoxy)met...	7.922	93	200233	45.02	ng		99
29) 2,4-Dichlorophenol	8.034	162	149093	43.50	ng		96
30) 1,2,4-Trichlorobenzene	8.122	180	160492	41.64	ng		98
31) Naphthalene	8.204	128	472285	40.28	ng		98
32) Benzoic acid	7.963	122	79644	42.85	ng		93
33) 4-Chloroaniline	8.245	127	39332	8.81	ng		96
34) Hexachlorobutadiene	8.316	225	110994	43.99	ng		95
35) Caprolactam	8.628	113	45467m	48.72	ng		
36) 4-Chloro-3-methylphenol	8.733	107	171990	45.88	ng		92
37) 2-Methylnaphthalene	8.892	142	339244	42.69	ng		100
38) 1-Methylnaphthalene	8.992	142	313969	42.34	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	180314	40.76	ng		96
41) Hexachlorocyclopentadiene	9.045	237	176725	62.80	ng		95
43) 2,4,6-Trichlorophenol	9.169	196	113609	39.58	ng		96

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44) 2,4,5-Trichlorophenol	9.210	196	124154	41.63	ng		95
46) 1,1'-Biphenyl	9.357	154	434543	40.22	ng		96
47) 2-Chloronaphthalene	9.381	162	327161	38.13	ng		100
48) 2-Nitroaniline	9.475	65	136979	47.27	ng		89
49) Acenaphthylene	9.798	152	508477	40.10	ng		96
50) Dimethylphthalate	9.663	163	494375	50.47	ng		97
51) 2,6-Dinitrotoluene	9.722	165	94279	47.60	ng		90
52) Acenaphthene	9.975	154	322141	37.12	ng		97
53) 3-Nitroaniline	9.886	138	42389	21.53	ng		99
54) 2,4-Dinitrophenol	9.998	184	104682	96.65	ng	#	85
55) Dibenzofuran	10.145	168	498000	39.95	ng		99
56) 4-Nitrophenol	10.057	139	147943	90.86	ng		94
57) 2,4-Dinitrotoluene	10.128	165	130079	53.54	ng		92
58) Fluorene	10.486	166	392946	41.83	ng		90
59) 2,3,4,6-Tetrachlorophenol	10.263	232	110532	45.07	ng		93
60) Diethylphthalate	10.357	149	443918	45.76	ng		96
61) 4-Chlorophenyl-phenyle...	10.475	204	201883	42.89	ng		94
62) 4-Nitroaniline	10.510	138	92179	47.08	ng		87
63) Azobenzene	10.639	77	440295	40.81	ng		94
65) 4,6-Dinitro-2-methylph...	10.539	198	73019	48.60	ng	#	64
66) n-Nitrosodiphenylamine	10.598	169	354759	39.88	ng		98
67) 4-Bromophenyl-phenylether	10.969	248	127451	41.65	ng		94
68) Hexachlorobenzene	11.039	284	144737	42.37	ng		94
69) Atrazine	11.127	200	125490	49.95	ng		96
70) Pentachlorophenol	11.233	266	158219	78.13	ng		97
71) Phenanthrene	11.451	178	588289	39.87	ng		98
72) Anthracene	11.504	178	612879	40.99	ng		98
73) Carbazole	11.657	167	491064	37.54	ng		97
74) Di-n-butylphthalate	11.986	149	712420	43.52	ng		99
75) Fluoranthene	12.645	202	589709	38.60	ng		98
77) Benzidine	12.757	184	167252	54.60	ng	#	96
78) Pyrene	12.874	202	559098	49.61	ng		97
80) Butylbenzylphthalate	13.486	149	242567	54.88	ng		93
81) Benzo(a)anthracene	14.063	228	377142	41.08	ng		97
82) 3,3'-Dichlorobenzidine	14.021	252	72731	25.50	ng		100
83) Chrysene	14.098	228	361067	40.89	ng		97
84) Bis(2-ethylhexyl)phtha...	14.045	149	326562	52.36	ng		97
85) Di-n-octyl phthalate	14.663	149	462813	49.09	ng		95
87) Indeno(1,2,3-cd)pyrene	17.080	276	398856	45.25	ng		98
88) Benzo(b)fluoranthene	15.127	252	346394	39.24	ng		97
89) Benzo(k)fluoranthene	15.157	252	336073	41.77	ng		97
90) Benzo(a)pyrene	15.504	252	331679	43.46	ng		96
91) Dibenzo(a,h)anthracene	17.104	278	330822	44.57	ng		98
92) Benzo(g,h,i)perylene	17.539	276	328738	44.16	ng		97

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

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