Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052021\
Data File : BF124007.D
Acq On : 20 May 2021 14:03
Operator : JU/CG
Sample : M2457-02MS 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Manual Integrations APPROVED
mohammad
5/21/2021 3:21:24 PM

Quant Time: May 20 14:23:49 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	6.904	152	46097	20.00	ng		0.00
21) Naphthalene-d8	8.192	136	185040	20.00	ng		0.00
39) Acenaphthene-d10	9.945	164	113937	20.00	ng		0.00
64) Phenanthrene-d10	11.439	188	194908	20.00	ng		0.01
76) Chrysene-d12	14.092	240	130383	20.00	ng		0.02
86) Perylene-d12	15.580	264	101239	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	142718	43.47	ng		0.00
7) Phenol-d6	6.522	99	181270	42.56	ng		0.00
23) Nitrobenzene-d5	7.463	82	136036	31.68	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	62839	45.92	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	250409	27.05	ng		0.00
79) Terphenyl-d14	13.021	244	213971	24.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	22169	15.38	ng		95
3) Pyridine	3.440	79	55399	14.89	ng		95
4) n-Nitrosodimethylamine	3.375	42	42123	17.43	ng		94
6) Aniline	6.563	93	28930	5.98	ng	#	85
8) 2-Chlorophenol	6.687	128	64941	19.01	ng		100
9) Benzaldehyde	6.451	77	53569	29.07	ng		91
10) Phenol	6.539	94	89748	20.85	ng		96
11) bis(2-Chloroethyl)ether	6.634	93	66628	19.92	ng		98
12) 1,3-Dichlorobenzene	6.845	146	75484m	18.96	ng		
13) 1,4-Dichlorobenzene	6.922	146	79829	19.60	ng		96
14) 1,2-Dichlorobenzene	7.075	146	72885	19.15	ng		96
15) Benzyl Alcohol	7.039	79	73425	19.96	ng		91
16) 2,2'-oxybis(1-Chloropr...	7.181	45	131718	19.56	ng		96
17) 2-Methylphenol	7.151	107	57167	20.63	ng		99
18) Hexachloroethane	7.422	117	29620	19.63	ng		90
19) n-Nitroso-di-n-propyla...	7.310	70	58860	20.45	ng		97
20) 3+4-Methylphenols	7.304	107	76075	20.84	ng	#	88
22) Acetophenone	7.310	105	102179	19.45	ng	#	97
24) Nitrobenzene	7.481	77	78286	17.83	ng		94
25) Isophorone	7.722	82	147828	17.89	ng		99
26) 2-Nitrophenol	7.804	139	35815	21.68	ng		91
27) 2,4-Dimethylphenol	7.833	122	65286	20.64	ng		96
28) bis(2-Chloroethoxy)met...	7.933	93	85187	20.51	ng		97
29) 2,4-Dichlorophenol	8.045	162	62579	19.55	ng		86
30) 1,2,4-Trichlorobenzene	8.128	180	66214	18.40	ng		98
31) Naphthalene	8.216	128	360941	32.96	ng		99
32) Benzoic acid	7.928	122	31014	17.87	ng		90
33) 4-Chloroaniline	8.257	127	13592	3.26	ng		94
34) Hexachlorobutadiene	8.328	225	42522	18.04	ng		97
35) Caprolactam	8.610	113	18952	21.74	ng	#	92
36) 4-Chloro-3-methylphenol	8.733	107	69539	19.86	ng		87
37) 2-Methylnaphthalene	8.904	142	196644	26.49	ng		98
38) 1-Methylnaphthalene	9.004	142	177043	25.56	ng		96
40) 1,2,4,5-Tetrachloroben...	9.069	216	72683	17.69	ng		97
41) Hexachlorocyclopentadiene	9.057	237	37941	14.52	ng		98
43) 2,4,6-Trichlorophenol	9.180	196	46343	17.38	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	48770	17.61	ng		92
46) 1,1'-Biphenyl	9.369	154	200540	19.98	ng		97
47) 2-Chloronaphthalene	9.392	162	140088	17.58	ng		99
48) 2-Nitroaniline	9.480	65	56385	20.95	ng		93
49) Acenaphthylene	9.810	152	228694	19.42	ng		96
50) Dimethylphthalate	9.663	163	180572	19.85	ng		99
51) 2,6-Dinitrotoluene	9.727	165	38023	20.67	ng	#	75
52) Acenaphthene	9.980	154	300665	37.29	ng		93
53) 3-Nitroaniline	9.892	138	20133	11.01	ng		98
54) 2,4-Dinitrophenol	10.004	184	27298	32.37	ng	#	90
55) Dibenzofuran	10.151	168	386595	33.39	ng		98
56) 4-Nitrophenol	10.051	139	57025	37.70	ng		90
57) 2,4-Dinitrotoluene	10.127	165	55261	24.49	ng	#	89
58) Fluorene	10.498	166	339366	38.90	ng		92
59) 2,3,4,6-Tetrachlorophenol	10.269	232	41526	18.23	ng	#	94
60) Diethylphthalate	10.363	149	179005	19.87	ng		97
61) 4-Chlorophenyl-phenyle...	10.486	204	80943	18.51	ng		93
62) 4-Nitroaniline	10.504	138	34145	18.77	ng		92
63) Azobenzene	10.645	77	182338	18.20	ng		85
65) 4,6-Dinitro-2-methylph...	10.539	198	20110	19.64	ng		97
66) n-Nitrosodiphenylamine	10.604	169	151296	20.32	ng		97
67) 4-Bromophenyl-phenylether	10.974	248	50487	19.71	ng	#	83
68) Hexachlorobenzene	11.045	284	55061	19.25	ng		95
69) Atrazine	11.133	200	49568	23.57	ng		92
70) Pentachlorophenol	11.245	266	55559	32.77	ng		96
71) Phenanthrene	11.480	178	2966661	240.16	ng		100
72) Anthracene	11.521	178	950386	75.92	ng		99
73) Carbazole	11.669	167	426929	38.99	ng		97
74) Di-n-butylphthalate	11.992	149	280275	20.45	ng		98
75) Fluoranthene	12.668	202	2758977	215.70	ng		100
77) Benzidine	12.774	184	48054	15.27	ng	#	91
78) Pyrene	12.898	202	2197960	189.88	ng		99
80) Butylbenzylphthalate	13.498	149	97153	21.40	ng		92
81) Benzo(a)anthracene	14.080	228	1107764	117.48	ng		98
82) 3,3'-Dichlorobenzidine	14.039	252	24407	8.33	ng		89
83) Chrysene	14.121	228	914280	100.81	ng		98
84) Bis(2-ethylhexyl)phtha...	14.057	149	147452	23.02	ng		100
85) Di-n-octyl phthalate	14.674	149	229051	23.66	ng		99
87) Indeno(1,2,3-cd)pyrene	17.103	276	346465	44.31	ng		96
88) Benzo(b)fluoranthene	15.157	252	965646	123.30	ng	#	97
89) Benzo(k)fluoranthene	15.180	252	366043m	51.29	ng		
90) Benzo(a)pyrene	15.533	252	649372	95.92	ng		100
91) Dibenzo(a,h)anthracene	17.115	278	162880m	24.74	ng		
92) Benzo(g,h,i)perylene	17.568	276	293346	44.42	ng		95

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

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