Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071921\
Data File : BF124624.D
Acq On : 19 Jul 2021 20:53
Operator : JU/CG
Sample : M3050-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-BPM-04-018-ABCDMSD

Manual Integrations APPROVED
mohammad
7/20/2021 11:38:03 AM

Quant Time: Jul 20 02:05:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 19 11:33:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	7443	20.00	ng		0.00
21) Naphthalene-d8	8.204	136	28906	20.00	ng		0.00
39) Acenaphthene-d10	9.963	164	16393	20.00	ng		0.00
64) Phenanthrene-d10	11.451	188	27893	20.00	ng	#	0.00
76) Chrysene-d12	14.092	240	14997	20.00	ng	#	0.00
86) Perylene-d12	15.580	264	12663	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	58749	136.76	ng		0.00
7) Phenol-d6	6.546	99	71136	136.12	ng		0.00
23) Nitrobenzene-d5	7.487	82	43888	95.85	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	20200	158.35	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	104230	92.72	ng		0.00
79) Terphenyl-d14	13.039	244	103188	115.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.793	88	6528	45.52	ng	#	100
3) Pyridine	3.546	79	14566	40.42	ng	#	93
4) n-Nitrosodimethylamine	3.505	42	15101	51.55	ng		100
6) Aniline	6.581	93	23662	42.97	ng		95
8) 2-Chlorophenol	6.698	128	25853	53.68	ng		95
9) Benzaldehyde	6.463	77	11872	38.72	ng		94
10) Phenol	6.557	94	26836	52.60	ng		98
11) bis(2-Chloroethyl)ether	6.651	93	21973	55.55	ng		98
12) 1,3-Dichlorobenzene	6.857	146	27304	51.80	ng		97
13) 1,4-Dichlorobenzene	6.934	146	27860	51.75	ng		98
14) 1,2-Dichlorobenzene	7.087	146	26372	51.54	ng		99
15) Benzyl Alcohol	7.057	79	18979	52.49	ng		92
16) 2,2'-oxybis(1-Chloropr...	7.187	45	37719	55.32	ng		99
17) 2-Methylphenol	7.163	107	19008	53.92	ng		99
18) Hexachloroethane	7.428	117	10460	51.59	ng		95
19) n-Nitroso-di-n-propyla...	7.334	70	15896	54.10	ng		98
20) 3+4-Methylphenols	7.316	107	24150	52.03	ng		94
22) Acetophenone	7.328	105	34764	52.99	ng	#	96
24) Nitrobenzene	7.504	77	23263	51.24	ng		93
25) Isophorone	7.745	82	41381	49.23	ng		97
26) 2-Nitrophenol	7.816	139	13988	57.11	ng		93
27) 2,4-Dimethylphenol	7.851	122	22382	55.15	ng		93
28) bis(2-Chloroethoxy)met...	7.951	93	27548	56.18	ng		94
29) 2,4-Dichlorophenol	8.057	162	21869	52.24	ng		99
30) 1,2,4-Trichlorobenzene	8.140	180	23846	51.47	ng		96
31) Naphthalene	8.228	128	75827	50.72	ng		97
32) Benzoic acid	7.987	122	17356	55.39	ng		99
33) 4-Chloroaniline	8.269	127	15573	27.56	ng		97
34) Hexachlorobutadiene	8.340	225	14143	54.09	ng		97
35) Caprolactam	8.657	113	6826m	64.47	ng		
36) 4-Chloro-3-methylphenol	8.751	107	21240	51.31	ng		96
37) 2-Methylnaphthalene	8.916	142	51777	51.32	ng		99
38) 1-Methylnaphthalene	9.016	142	48359	51.04	ng		98
40) 1,2,4,5-Tetrachloroben...	9.081	216	22238	50.86	ng		98
41) Hexachlorocyclopentadiene	9.069	237	34475	126.23	ng		98
43) 2,4,6-Trichlorophenol	9.192	196	16549	52.43	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.234	196	17325	53.22	ng	#	89
46) 1,1'-Biphenyl	9.381	154	61590	49.47	ng		98
47) 2-Chloronaphthalene	9.410	162	48417	49.60	ng		98
48) 2-Nitroaniline	9.498	65	12895	54.93	ng		94
49) Acenaphthylene	9.828	152	76804	50.42	ng		98
50) Dimethylphthalate	9.687	163	59035	51.76	ng		98
51) 2,6-Dinitrotoluene	9.745	165	12290	54.66	ng		97
52) Acenaphthene	9.998	154	54958	56.42	ng		97
53) 3-Nitroaniline	9.916	138	10330	41.17	ng	#	98
54) 2,4-Dinitrophenol	10.022	184	15602	132.98	ng	#	84
55) Dibenzofuran	10.169	168	69271	48.37	ng		98
56) 4-Nitrophenol	10.075	139	19933	95.45	ng		95
57) 2,4-Dinitrotoluene	10.151	165	16888	54.86	ng	#	91
58) Fluorene	10.510	166	54361	49.07	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.281	232	13251	52.70	ng	#	99
60) Diethylphthalate	10.386	149	61306	51.41	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	26192	52.09	ng		90
62) 4-Nitroaniline	10.539	138	12317	48.71	ng		85
63) Azobenzene	10.663	77	51778	49.67	ng		99
65) 4,6-Dinitro-2-methylph...	10.557	198	9162	57.50	ng		90
66) n-Nitrosodiphenylamine	10.622	169	46957	51.70	ng		97
67) 4-Bromophenyl-phenylether	10.992	248	15851	54.96	ng	#	89
68) Hexachlorobenzene	11.057	284	16492	55.81	ng		96
69) Atrazine	11.151	200	14690	52.81	ng		93
70) Pentachlorophenol	11.251	266	19837	106.13	ng		94
71) Phenanthrene	11.475	178	77065	50.64	ng		98
72) Anthracene	11.528	178	80270	52.58	ng		99
73) Carbazole	11.681	167	65765	46.62	ng		99
74) Di-n-butylphthalate	12.010	149	100345	52.81	ng		98
75) Fluoranthene	12.663	202	72071	46.94	ng		98
78) Pyrene	12.892	202	71172	57.12	ng		98
80) Butylbenzylphthalate	13.510	149	34356	57.03	ng		96
81) Benzo(a)anthracene	14.080	228	50089	50.36	ng		97
82) 3,3'-Dichlorobenzidine	14.045	252	16067	61.67	ng		98
83) Chrysene	14.122	228	49220	51.66	ng		99
84) Bis(2-ethylhexyl)phtha...	14.069	149	49064	60.66	ng		99
85) Di-n-octyl phthalate	14.680	149	73850	63.10	ng		100
87) Indeno(1,2,3-cd)pyrene	17.092	276	47000	64.00	ng		98
88) Benzo(b)fluoranthene	15.145	252	44117	48.54	ng		98
89) Benzo(k)fluoranthene	15.174	252	41597	49.88	ng	#	98
90) Benzo(a)pyrene	15.521	252	41106	54.79	ng		96
91) Dibenzo(a,h)anthracene	17.121	278	39832	63.72	ng		98
92) Benzo(g,h,i)perylene	17.562	276	39055	63.99	ng		91

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

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