Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031821\
Data File : BF123382.D
Acq On : 18 Mar 2021 14:27
Operator : JU/CG
Sample : PB135224BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB135224BSD

Manual Integrations APPROVED
mohammad
3/19/2021 12:06:23 PM

Quant Time: Mar 18 14:55:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF031721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 18 02:38:45 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.792	152	209702	20.00	ng		0.00
21) Naphthalene-d8	8.075	136	892276	20.00	ng		# 0.00
39) Acenaphthene-d10	9.833	164	422415	20.00	ng		0.00
64) Phenanthrene-d10	11.321	188	678020	20.00	ng		# 0.00
76) Chrysene-d12	13.968	240	418463	20.00	ng		# 0.00
86) Perylene-d12	15.409	264	327529	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	1140456	77.23	ng		0.01
7) Phenol-d6	6.439	99	1379405	71.92	ng		0.00
23) Nitrobenzene-d5	7.357	82	1037200	68.28	ng		0.00
42) 2,4,6-Tribromophenol	10.627	330	225012	76.22	ng		0.00
45) 2-Fluorobiphenyl	9.151	172	1632574	78.88	ng		0.00
79) Terphenyl-d14	12.910	244	1251873	58.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	296493	43.17	ng	#	86
3) Pyridine	3.322	79	778972	43.10	ng	#	85
4) n-Nitrosodimethylamine	3.275	42	355004	44.24	ng		94
6) Aniline	6.457	93	642520	28.43	ng	#	57
8) 2-Chlorophenol	6.581	128	645390	40.50	ng		94
9) Benzaldehyde	6.339	77	208819	20.06	ng		98
10) Phenol	6.451	94	786335	47.91	ng		91
11) bis(2-Chloroethyl)ether	6.528	93	673654	44.15	ng		95
12) 1,3-Dichlorobenzene	6.733	146	670932	42.42	ng		99
13) 1,4-Dichlorobenzene	6.810	146	670595	40.61	ng		99
14) 1,2-Dichlorobenzene	6.963	146	646583	40.31	ng		99
15) Benzyl Alcohol	6.939	79	518970	42.24	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.069	45	1117543	44.37	ng		99
17) 2-Methylphenol	7.057	107	525626	41.67	ng		96
18) Hexachloroethane	7.304	117	253791	44.30	ng		90
19) n-Nitroso-di-n-propyla...	7.210	70	399980	37.99	ng	#	85
20) 3+4-Methylphenols	7.210	107	611318	54.46	ng	#	83
22) Acetophenone	7.204	105	819259	38.40	ng	#	93
24) Nitrobenzene	7.375	77	672235	39.96	ng		98
25) Isophorone	7.616	82	1260980	39.99	ng		98
26) 2-Nitrophenol	7.692	139	379623	41.72	ng	#	90
27) 2,4-Dimethylphenol	7.733	122	564050	42.86	ng		96
28) bis(2-Chloroethoxy)met...	7.828	93	830275	45.38	ng		99
29) 2,4-Dichlorophenol	7.939	162	520058	40.52	ng		95
30) 1,2,4-Trichlorobenzene	8.016	180	509251	40.83	ng		99
31) Naphthalene	8.098	128	1811079	38.75	ng		100
32) Benzoic acid	7.886	122	478372	49.21	ng		88
33) 4-Chloroaniline	8.145	127	467294	24.29	ng		97
34) Hexachlorobutadiene	8.216	225	245284	40.16	ng		99
35) Caprolactam	8.522	113	190730m	42.92	ng		
36) 4-Chloro-3-methylphenol	8.645	107	557558	41.39	ng		96
37) 2-Methylnaphthalene	8.792	142	1202082	38.98	ng		99
38) 1-Methylnaphthalene	8.886	142	1125445	38.82	ng		98
40) 1,2,4,5-Tetrachloroben...	8.957	216	394966	39.79	ng	#	96
41) Hexachlorocyclopentadiene	8.945	237	364228	106.98	ng		98
43) 2,4,6-Trichlorophenol	9.075	196	318574	40.13	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	345660	40.26	ng		99
46) 1,1'-Biphenyl	9.257	154	1314380	38.16	ng		97
47) 2-Chloronaphthalene	9.280	162	1066947	39.06	ng		97
48) 2-Nitroaniline	9.380	65	370363	41.42	ng		92
49) Acenaphthylene	9.698	152	1624349	38.56	ng		99
50) Dimethylphthalate	9.563	163	1228140	41.13	ng		99
51) 2,6-Dinitrotoluene	9.622	165	283761	39.92	ng		95
52) Acenaphthene	9.869	154	936626	37.84	ng		100
53) 3-Nitroaniline	9.792	138	252941	28.36	ng		99
54) 2,4-Dinitrophenol	9.904	184	300893	84.59	ng		95
55) Dibenzofuran	10.039	168	1353089	41.34	ng		99
56) 4-Nitrophenol	9.969	139	505990	85.07	ng		86
57) 2,4-Dinitrotoluene	10.027	165	360203	39.74	ng	#	98
58) Fluorene	10.386	166	1009859	41.90	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	247927	40.89	ng	#	81
60) Diethylphthalate	10.257	149	1162778	39.33	ng		97
61) 4-Chlorophenyl-phenyle...	10.374	204	418327	42.82	ng		92
62) 4-Nitroaniline	10.410	138	354383	40.03	ng	#	79
63) Azobenzene	10.533	77	1187882	37.56	ng		92
65) 4,6-Dinitro-2-methylph...	10.439	198	204080	42.78	ng		81
66) n-Nitrosodiphenylamine	10.498	169	937635	38.67	ng		99
67) 4-Bromophenyl-phenylether	10.863	248	257963	39.95	ng	#	88
68) Hexachlorobenzene	10.933	284	269992	40.30	ng	#	91
69) Atrazine	11.027	200	242155	37.44	ng		94
70) Pentachlorophenol	11.133	266	296521	81.60	ng		95
71) Phenanthrene	11.345	178	1471063	35.55	ng		99
72) Anthracene	11.398	178	1518444	36.48	ng		100
73) Carbazole	11.557	167	1482997	34.99	ng		99
74) Di-n-butylphthalate	11.886	149	1808466	37.57	ng		99
75) Fluoranthene	12.539	202	1436001	42.79	ng		97
77) Benzidine	12.657	184	529954	34.86	ng		98
78) Pyrene	12.768	202	1474113	38.40	ng		99
80) Butylbenzylphthalate	13.386	149	762939	42.14	ng		95
81) Benzo(a)anthracene	13.957	228	1049894	38.06	ng		99
82) 3,3'-Dichlorobenzidine	13.921	252	318505	33.81	ng	#	98
83) Chrysene	13.998	228	1095878	38.47	ng		99
84) Bis(2-ethylhexyl)phtha...	13.945	149	899629	41.25	ng	#	99
85) Di-n-octyl phthalate	14.556	149	1590822	42.89	ng	#	95
87) Indeno(1,2,3-cd)pyrene	16.845	276	922266	42.02	ng	#	85
88) Benzo(b)fluoranthene	14.998	252	978254	41.56	ng	#	96
89) Benzo(k)fluoranthene	15.027	252	918299	43.55	ng	#	97
90) Benzo(a)pyrene	15.351	252	863891	41.61	ng	#	95
91) Dibenzo(a,h)anthracene	16.862	278	749410	41.34	ng	#	90
92) Benzo(g,h,i)perylene	17.280	276	793472	41.17	ng	#	86

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

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