Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
Data File : BF123324.D
Acq On : 1 Mar 2021 13:36
Operator : JU/CG
Sample : PB134865BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB134865BS

Manual Integrations APPROVED
mohammad
3/2/2021 9:42:53 AM

Quant Time: Mar 01 15:22:03 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF021921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 19 16:08:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	157111	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	650313	20.00	ng		0.00
39) Acenaphthene-d10	9.898	164	330883	20.00	ng		0.00
64) Phenanthrene-d10	11.386	188	606294	20.00	ng		0.00
76) Chrysene-d12	14.045	240	488204	20.00	ng		0.00
86) Perylene-d12	15.509	264	417423	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.492	112	1179554	108.07	ng		0.02
7) Phenol-d6	6.492	99	1570037	105.88	ng		0.00
23) Nitrobenzene-d5	7.416	82	934325	65.77	ng		-0.01
42) 2,4,6-Tribromophenol	10.692	330	361960	107.43	ng		0.00
45) 2-Fluorobiphenyl	9.216	172	1473647	63.97	ng		0.00
79) Terphenyl-d14	12.980	244	1511618	59.54	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.745	88	195818	31.09	ng		91
3) Pyridine	3.481	79	532047	34.66	ng		92
4) n-Nitrosodimethylamine	3.440	42	266399	37.54	ng		83
6) Aniline	6.516	93	538299	30.73	ng	#	88
8) 2-Chlorophenol	6.645	128	480125	40.94	ng		95
9) Benzaldehyde	6.398	77	198378	22.70	ng		89
10) Phenol	6.510	94	646459	40.00	ng		82
11) bis(2-Chloroethyl)ether	6.592	93	487852	42.09	ng		97
12) 1,3-Dichlorobenzene	6.792	146	500252	41.01	ng	#	93
13) 1,4-Dichlorobenzene	6.869	146	511120	41.12	ng	#	93
14) 1,2-Dichlorobenzene	7.022	146	484031	41.85	ng		96
15) Benzyl Alcohol	6.998	79	469609	40.62	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.128	45	655693	41.24	ng		96
17) 2-Methylphenol	7.110	107	419380	42.52	ng	#	92
18) Hexachloroethane	7.363	117	197969	44.09	ng		93
19) n-Nitroso-di-n-propyla...	7.269	70	379560	43.02	ng		93
20) 3+4-Methylphenols	7.263	107	512602	39.58	ng	#	88
22) Acetophenone	7.263	105	698339	41.40	ng	#	88
24) Nitrobenzene	7.439	77	593372	39.62	ng		93
25) Isophorone	7.675	82	1042076	39.23	ng		95
26) 2-Nitrophenol	7.751	139	255555	40.73	ng	#	82
27) 2,4-Dimethylphenol	7.792	122	403691	41.56	ng		94
28) bis(2-Chloroethoxy)met...	7.886	93	613475	44.12	ng		99
29) 2,4-Dichlorophenol	7.998	162	396770	39.57	ng		94
30) 1,2,4-Trichlorobenzene	8.080	180	432742	39.69	ng		98
31) Naphthalene	8.157	128	1384179	38.84	ng		99
32) Benzoic acid	7.939	122	267598	37.35	ng		86
33) 4-Chloroaniline	8.204	127	319303	22.02	ng	#	90
34) Hexachlorobutadiene	8.275	225	238450	38.77	ng		98
35) Caprolactam	8.586	113	134677m	40.02	ng		
36) 4-Chloro-3-methylphenol	8.698	107	480061	40.27	ng		90
37) 2-Methylnaphthalene	8.851	142	933913	39.34	ng		98
38) 1-Methylnaphthalene	8.951	142	876090	39.46	ng		100
40) 1,2,4,5-Tetrachloroben...	9.022	216	404661	40.93	ng	#	97
41) Hexachlorocyclopentadiene	9.004	237	391082	84.43	ng		97
43) 2,4,6-Trichlorophenol	9.133	196	271103	38.66	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.174	196	287947	38.37	ng	#	90
46) 1,1'-Biphenyl	9.316	154	1118435	40.75	ng		99
47) 2-Chloronaphthalene	9.345	162	857726	39.60	ng		100
48) 2-Nitroaniline	9.439	65	329128	42.42	ng	#	75
49) Acenaphthylene	9.763	152	1289165	39.25	ng		100
50) Dimethylphthalate	9.621	163	1003505	40.56	ng		99
51) 2,6-Dinitrotoluene	9.680	165	227044	39.81	ng	#	67
52) Acenaphthene	9.933	154	991418m	43.77	ng		
53) 3-Nitroaniline	9.851	138	170018	26.86	ng	#	76
54) 2,4-Dinitrophenol	9.963	184	244376	81.58	ng	#	77
55) Dibenzofuran	10.104	168	1167203	38.06	ng		94
56) 4-Nitrophenol	10.027	139	366270	72.62	ng	#	66
57) 2,4-Dinitrotoluene	10.092	165	308366	40.21	ng		91
58) Fluorene	10.451	166	928779	38.48	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.221	232	241601	40.35	ng	#	86
60) Diethylphthalate	10.321	149	986692	40.27	ng		98
61) 4-Chlorophenyl-phenyle...	10.439	204	448348	39.03	ng		95
62) 4-Nitroaniline	10.474	138	239035	37.52	ng		88
63) Azobenzene	10.598	77	1090190	38.61	ng		94
65) 4,6-Dinitro-2-methylph...	10.498	198	167219	40.97	ng	#	73
66) n-Nitrosodiphenylamine	10.563	169	821065	39.16	ng		99
67) 4-Bromophenyl-phenylether	10.927	248	264443	40.01	ng	#	87
68) Hexachlorobenzene	10.998	284	281688	40.46	ng	#	89
69) Atrazine	11.092	200	234287	35.36	ng		100
70) Pentachlorophenol	11.198	266	341195	77.61	ng		99
71) Phenanthrene	11.416	178	1380747	38.51	ng		99
72) Anthracene	11.468	178	1429212	39.95	ng		100
73) Carbazole	11.621	167	1261347	37.44	ng		99
74) Di-n-butylphthalate	11.951	149	1521480	40.39	ng		99
75) Fluoranthene	12.610	202	1476779	38.86	ng		98
77) Benzidine	12.727	184	467900	29.67	ng		98
78) Pyrene	12.839	202	1482955	38.91	ng		99
80) Butylbenzylphthalate	13.457	149	653673	40.57	ng		94
81) Benzo(a)anthracene	14.033	228	1273454	38.38	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	352052	31.92	ng	#	97
83) Chrysene	14.068	228	1232164	37.81	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	900939	40.62	ng		99
85) Di-n-octyl phthalate	14.633	149	1522901	40.19	ng		96
87) Indeno(1,2,3-cd)pyrene	17.003	276	1239403	42.96	ng		97
88) Benzo(b)fluoranthene	15.086	252	1228554	41.91	ng		99
89) Benzo(k)fluoranthene	15.115	252	1205600	45.36	ng		99
90) Benzo(a)pyrene	15.456	252	1090252	41.71	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	1034143	41.78	ng		98
92) Benzo(g,h,i)perylene	17.450	276	991713	43.51	ng		98

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

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