Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030121\
Data File : BF123326.D
Acq On : 1 Mar 2021 14:57
Operator : JU/CG
Sample : M1509-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BU-02-022621MS

Manual Integrations APPROVED
mohammad
3/2/2021 9:43:00 AM

Quant Time: Mar 01 15:23:05 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	6.857	152	272129	20.00	ng		0.00
21) Naphthalene-d8	8.139	136	1083540	20.00	ng		# 0.00
39) Acenaphthene-d10	9.904	164	558557	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	997631	20.00	ng		0.00
76) Chrysene-d12	14.051	240	646066	20.00	ng		0.00
86) Perylene-d12	15.521	264	607268	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	2015578	106.61	ng		0.05
7) Phenol-d6	6.510	99	2667966	103.87	ng		0.02
23) Nitrobenzene-d5	7.428	82	1849315	78.13	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	659022	115.87	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	2732362	70.27	ng		0.00
79) Terphenyl-d14	12.986	244	2457401	73.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.946	88	335380m	30.74	ng		
3) Pyridine	3.646	79	925407	34.81	ng		94
4) n-Nitrosodimethylamine	3.622	42	502422	40.87	ng		85
6) Aniline	6.528	93	733692	24.18	ng	#	6
8) 2-Chlorophenol	6.651	128	917476	45.17	ng		93
9) Benzaldehyde	6.410	77	332803	21.78	ng		91
10) Phenol	6.522	94	1203404	42.99	ng		84
11) bis(2-Chloroethyl)ether	6.598	93	962519	47.94	ng		96
12) 1,3-Dichlorobenzene	6.798	146	916269	43.37	ng	#	92
13) 1,4-Dichlorobenzene	6.875	146	924528	42.94	ng	#	94
14) 1,2-Dichlorobenzene	7.028	146	885245	44.19	ng		94
15) Benzyl Alcohol	7.010	79	906029	45.24	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.134	45	1158020	42.05	ng		79
17) 2-Methylphenol	7.122	107	772660	45.23	ng	#	85
18) Hexachloroethane	7.369	117	376682	48.43	ng		96
19) n-Nitroso-di-n-propyla...	7.286	70	708404	46.36	ng		95
20) 3+4-Methylphenols	7.275	107	925834	41.27	ng		96
22) Acetophenone	7.275	105	1298677	46.21	ng	#	87
24) Nitrobenzene	7.445	77	1079430	43.25	ng		89
25) Isophorone	7.686	82	1990616	44.97	ng		96
26) 2-Nitrophenol	7.757	139	495293	47.38	ng	#	85
27) 2,4-Dimethylphenol	7.798	122	825749	51.02	ng		92
28) bis(2-Chloroethoxy)met...	7.892	93	1175072	50.72	ng		100
29) 2,4-Dichlorophenol	8.004	162	737569	44.14	ng		92
30) 1,2,4-Trichlorobenzene	8.081	180	822394	45.27	ng		99
31) Naphthalene	8.163	128	2586451	43.55	ng		98
32) Benzoic acid	7.975	122	615233	51.54	ng		90
33) 4-Chloroaniline	8.210	127	317463	13.14	ng	#	92
34) Hexachlorobutadiene	8.281	225	454696	44.37	ng		99
35) Caprolactam	8.628	113	278547m	49.68	ng		
36) 4-Chloro-3-methylphenol	8.710	107	906493	45.64	ng		89
37) 2-Methylnaphthalene	8.857	142	1737985	43.94	ng		99
38) 1-Methylnaphthalene	8.957	142	1621884	43.84	ng		99
40) 1,2,4,5-Tetrachloroben...	9.022	216	762028	45.66	ng	#	98
41) Hexachlorocyclopentadiene	9.010	237	743777	95.12	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	563781	47.63	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	508902	40.17	ng	#	90
46) 1,1'-Biphenyl	9.322	154	2068130	44.63	ng		99
47) 2-Chloronaphthalene	9.345	162	1576191	43.11	ng		97
48) 2-Nitroaniline	9.451	65	608581	46.46	ng	#	82
49) Acenaphthylene	9.769	152	2373075	42.80	ng		99
50) Dimethylphthalate	9.633	163	1984244	47.50	ng		99
51) 2,6-Dinitrotoluene	9.692	165	456369	47.41	ng	#	67
52) Acenaphthene	9.939	154	1822123m	47.65	ng		
53) 3-Nitroaniline	9.863	138	265922	24.89	ng	#	81
54) 2,4-Dinitrophenol	9.975	184	433113	85.65	ng	#	81
55) Dibenzofuran	10.110	168	2156799	41.67	ng		95
56) 4-Nitrophenol	10.045	139	685006	80.45	ng	#	62
57) 2,4-Dinitrotoluene	10.104	165	561833	43.40	ng	#	77
58) Fluorene	10.457	166	1743121	42.79	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	439154	43.45	ng	#	87
60) Diethylphthalate	10.333	149	1897863	45.88	ng		100
61) 4-Chlorophenyl-phenyle...	10.445	204	839337	43.28	ng		96
62) 4-Nitroaniline	10.492	138	420896	39.13	ng		84
63) Azobenzene	10.604	77	2207514	46.32	ng		94
65) 4,6-Dinitro-2-methylph...	10.516	198	278015	41.40	ng		84
66) n-Nitrosodiphenylamine	10.569	169	1524215	44.18	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	508208	46.73	ng		98
68) Hexachlorobenzene	11.004	284	535221	46.72	ng	#	90
69) Atrazine	11.104	200	447065	41.01	ng		98
70) Pentachlorophenol	11.204	266	643533	88.96	ng		99
71) Phenanthrene	11.421	178	2925303	49.58	ng		99
72) Anthracene	11.474	178	2600562	44.18	ng		99
73) Carbazole	11.627	167	2269539	40.94	ng		98
74) Di-n-butylphthalate	11.957	149	2795661	45.11	ng		99
75) Fluoranthene	12.621	202	3163965	50.60	ng		98
77) Benzidine	12.739	184	696357	33.37	ng		99
78) Pyrene	12.851	202	2996207	59.40	ng		99
80) Butylbenzylphthalate	13.463	149	1186703	55.66	ng		94
81) Benzo(a)anthracene	14.039	228	2202037	50.15	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	445020	30.49	ng		100
83) Chrysene	14.080	228	2072191	48.05	ng		98
84) Bis(2-ethylhexyl)phtha...	14.021	149	1582387	53.91	ng		99
85) Di-n-octyl phthalate	14.639	149	2473113	49.32	ng		97
87) Indeno(1,2,3-cd)pyrene	17.027	276	2199421	52.41	ng		98
88) Benzo(b)fluoranthene	15.098	252	2196253	51.49	ng		99
89) Benzo(k)fluoranthene	15.127	252	1774202	45.88	ng		98
90) Benzo(a)pyrene	15.468	252	1815351	47.73	ng		100
91) Dibenzo(a,h)anthracene	17.051	278	1713681	47.59	ng		99
92) Benzo(g,h,i)perylene	17.486	276	1827362	55.10	ng		100

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

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