Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033021\
Data File : BF123518.D
Acq On : 30 Mar 2021 13:11
Operator : JU/CG
Sample : PB135378BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB135378BS

Manual Integrations APPROVED
mohammad
3/31/2021 1:36:16 PM

Quant Time: Mar 30 13:47:02 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 30 11:51:25 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	156591	20.00	ng		0.00
21) Naphthalene-d8	8.175	136	587113	20.00	ng		# 0.00
39) Acenaphthene-d10	9.933	164	328683	20.00	ng		0.00
64) Phenanthrene-d10	11.422	188	585088	20.00	ng		0.00
76) Chrysene-d12	14.074	240	410886	20.00	ng		# 0.00
86) Perylene-d12	15.562	264	273174	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1012686	105.80	ng		0.02
7) Phenol-d6	6.522	99	1317083	103.37	ng		0.00
23) Nitrobenzene-d5	7.451	82	754372	69.35	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	478083	130.10	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	1464089	63.64	ng		0.00
79) Terphenyl-d14	13.016	244	1477996	60.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	149209	32.41	ng	#	56
3) Pyridine	3.540	79	402170	33.22	ng	#	47
4) n-Nitrosodimethylamine	3.504	42	323584	44.68	ng	#	50
6) Aniline	6.551	93	490587	31.46	ng	#	89
8) 2-Chlorophenol	6.675	128	458491	43.44	ng		86
9) Benzaldehyde	6.434	77	102893	12.95	ng		95
10) Phenol	6.534	94	568740	43.49	ng		83
11) bis(2-Chloroethyl)ether	6.622	93	428690	41.11	ng	#	79
12) 1,3-Dichlorobenzene	6.828	146	482081	42.33	ng	#	95
13) 1,4-Dichlorobenzene	6.904	146	490363	43.05	ng		96
14) 1,2-Dichlorobenzene	7.057	146	473552	44.76	ng		97
15) Benzyl Alcohol	7.028	79	412115	41.31	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.163	45	965453	41.25	ng		88
17) 2-Methylphenol	7.140	107	384239	44.28	ng	#	92
18) Hexachloroethane	7.404	117	191839	44.95	ng		97
19) n-Nitroso-di-n-propyla...	7.304	70	362546	43.99	ng	#	72
20) 3+4-Methylphenols	7.292	107	474129	43.86	ng		96
22) Acetophenone	7.298	105	668460	45.35	ng	#	79
24) Nitrobenzene	7.469	77	527819	43.89	ng	#	90
25) Isophorone	7.716	82	925808	39.58	ng		97
26) 2-Nitrophenol	7.787	139	226830	52.76	ng	#	72
27) 2,4-Dimethylphenol	7.828	122	414503	43.36	ng		94
28) bis(2-Chloroethoxy)met...	7.922	93	551827	43.78	ng		100
29) 2,4-Dichlorophenol	8.034	162	402221	42.87	ng		99
30) 1,2,4-Trichlorobenzene	8.116	180	444965	43.47	ng		99
31) Naphthalene	8.198	128	1305712	41.36	ng		99
32) Benzoic acid	7.963	122	273364	48.46	ng		90
33) 4-Chloroaniline	8.239	127	293858	22.69	ng	#	92
34) Hexachlorobutadiene	8.316	225	287573	46.05	ng		99
35) Caprolactam	8.622	113	109650m	38.86	ng		
36) 4-Chloro-3-methylphenol	8.728	107	437801	44.45	ng		93
37) 2-Methylnaphthalene	8.892	142	931547	43.05	ng		97
38) 1-Methylnaphthalene	8.992	142	871917	42.92	ng		99
40) 1,2,4,5-Tetrachloroben...	9.057	216	452442	46.26	ng		98
41) Hexachlorocyclopentadiene	9.045	237	558763	102.32	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	296614	43.31	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	309999	43.08	ng		94
46) 1,1'-Biphenyl	9.357	154	1107865	43.74	ng		97
47) 2-Chloronaphthalene	9.381	162	868398	42.02	ng		99
48) 2-Nitroaniline	9.475	65	312210	49.79	ng	#	71
49) Acenaphthylene	9.798	152	1328032	41.09	ng		100
50) Dimethylphthalate	9.663	163	1015473	43.50	ng		100
51) 2,6-Dinitrotoluene	9.716	165	221266	45.37	ng	#	63
52) Acenaphthene	9.969	154	972008	48.18	ng		100
53) 3-Nitroaniline	9.886	138	150657	29.25	ng		82
54) 2,4-Dinitrophenol	9.992	184	239539	100.71	ng	#	75
55) Dibenzofuran	10.145	168	1175232	40.52	ng		97
56) 4-Nitrophenol	10.057	139	329016	79.21	ng	#	61
57) 2,4-Dinitrotoluene	10.122	165	294769	48.43	ng	#	80
58) Fluorene	10.486	166	959069	43.80	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	267636	45.56	ng		91
60) Diethylphthalate	10.363	149	1000497	43.90	ng		99
61) 4-Chlorophenyl-phenyle...	10.475	204	490260	45.81	ng		94
62) 4-Nitroaniline	10.510	138	206066	42.22	ng		84
63) Azobenzene	10.639	77	970330	38.69	ng		90
65) 4,6-Dinitro-2-methylph...	10.533	198	152305	48.35	ng	#	72
66) n-Nitrosodiphenylamine	10.598	169	812976	41.47	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	321024	46.32	ng		97
68) Hexachlorobenzene	11.039	284	352505	46.16	ng		95
69) Atrazine	11.127	200	246802	39.61	ng		97
70) Pentachlorophenol	11.227	266	406314	89.17	ng		98
71) Phenanthrene	11.451	178	1337076	41.34	ng		100
72) Anthracene	11.504	178	1374832	42.26	ng		99
73) Carbazole	11.657	167	1182476	38.47	ng		100
74) Di-n-butylphthalate	11.986	149	1498944	42.84	ng		99
75) Fluoranthene	12.645	202	1453548	41.51	ng		94
77) Benzidine	12.757	184	373334	30.50	ng		100
78) Pyrene	12.874	202	1441281	40.66	ng		99
80) Butylbenzylphthalate	13.492	149	596718	45.39	ng		97
81) Benzo(a)anthracene	14.063	228	1122067	41.72	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	284839	32.56	ng		98
83) Chrysene	14.104	228	1086167	39.12	ng		99
84) Bis(2-ethylhexyl)phtha...	14.057	149	844328	48.79	ng	#	98
85) Di-n-octyl phthalate	14.674	149	1277075	46.68	ng	#	88
87) Indeno(1,2,3-cd)pyrene	17.080	276	785646	46.28	ng	#	93
88) Benzo(b)fluoranthene	15.127	252	887723	47.10	ng	#	96
89) Benzo(k)fluoranthene	15.163	252	825389	46.33	ng	#	96
90) Benzo(a)pyrene	15.504	252	719955	44.25	ng	#	97
91) Dibenzo(a,h)anthracene	17.098	278	652610	45.28	ng	#	96
92) Benzo(g,h,i)perylene	17.533	276	636433	44.12	ng	#	94

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

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