Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021921\
Data File : BF123237.D
Acq On : 19 Feb 2021 21:12
Operator : JU/CG
Sample : M1434-03MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAND-SOIL-PILEMS

Manual Integrations APPROVED
mohammad
2/22/2021 2:10:08 PM

Quant Time: Feb 19 23:09:39 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	153146	20.00	ng		0.00
21) Naphthalene-d8	8.145	136	637473	20.00	ng		# 0.00
39) Acenaphthene-d10	9.904	164	319242	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	573705	20.00	ng		# 0.00
76) Chrysene-d12	14.045	240	361925	20.00	ng		0.00
86) Perylene-d12	15.515	264	306782	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	1248823	117.38	ng		0.02
7) Phenol-d6	6.492	99	1562177	108.08	ng		0.00
23) Nitrobenzene-d5	7.422	82	1111026	79.78	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	370321	113.92	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	1693883	76.22	ng		0.00
79) Terphenyl-d14	12.986	244	1720400	91.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	200564	32.67	ng	#	78
3) Pyridine	3.493	79	271357	18.14	ng		94
4) n-Nitrosodimethylamine	3.428	42	267758	38.70	ng		92
6) Aniline	6.522	93	202480	11.86	ng	#	84
8) 2-Chlorophenol	6.645	128	516834	45.21	ng		92
9) Benzaldehyde	6.410	77	191826	22.46	ng		91
10) Phenol	6.510	94	659006	41.83	ng		92
11) bis(2-Chloroethyl)ether	6.598	93	539846	47.78	ng		98
12) 1,3-Dichlorobenzene	6.804	146	497109	41.81	ng	#	95
13) 1,4-Dichlorobenzene	6.875	146	511526	42.21	ng		93
14) 1,2-Dichlorobenzene	7.028	146	484913	43.02	ng		95
15) Benzyl Alcohol	7.004	79	506523	44.95	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.134	45	731540	47.20	ng		99
17) 2-Methylphenol	7.116	107	442316	46.01	ng		95
18) Hexachloroethane	7.375	117	200163	45.73	ng		96
19) n-Nitroso-di-n-propyla...	7.275	70	395922	46.04	ng		95
20) 3+4-Methylphenols	7.269	107	523994	41.50	ng	#	83
22) Acetophenone	7.269	105	706903	42.75	ng	#	91
24) Nitrobenzene	7.439	77	603851	41.13	ng		89
25) Isophorone	7.681	82	1092048	41.94	ng		95
26) 2-Nitrophenol	7.757	139	264844	43.06	ng		88
27) 2,4-Dimethylphenol	7.798	122	419499	44.06	ng		93
28) bis(2-Chloroethoxy)met...	7.892	93	657000	48.21	ng		99
29) 2,4-Dichlorophenol	7.998	162	403460	41.04	ng		92
30) 1,2,4-Trichlorobenzene	8.081	180	426546	39.91	ng		98
31) Naphthalene	8.163	128	1414421	40.48	ng		99
32) Benzoic acid	7.928	122	332359	47.32	ng		91
33) 4-Chloroaniline	8.210	127	122045	8.58	ng	#	93
34) Hexachlorobutadiene	8.281	225	228814	37.95	ng		100
35) Caprolactam	8.586	113	122699m	37.20	ng		
36) 4-Chloro-3-methylphenol	8.698	107	499618	42.75	ng		91
37) 2-Methylnaphthalene	8.857	142	955182	41.04	ng		99
38) 1-Methylnaphthalene	8.957	142	882371	40.54	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	398500	41.77	ng	#	97
41) Hexachlorocyclopentadiene	9.010	237	409283	91.58	ng		96
43) 2,4,6-Trichlorophenol	9.139	196	284610	42.07	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	309077	42.69	ng	#	91
46) 1,1'-Biphenyl	9.322	154	1154964	43.61	ng		98
47) 2-Chloronaphthalene	9.345	162	875029	41.88	ng		97
48) 2-Nitroaniline	9.445	65	341321	45.59	ng	#	80
49) Acenaphthylene	9.769	152	1328366	41.91	ng		99
50) Dimethylphthalate	9.628	163	1072382	44.92	ng		99
51) 2,6-Dinitrotoluene	9.686	165	236300	42.95	ng	#	75
52) Acenaphthene	9.939	154	964134	44.12	ng		98
53) 3-Nitroaniline	9.851	138	98140	16.07	ng	#	79
54) 2,4-Dinitrophenol	9.963	184	175113	60.59	ng		89
55) Dibenzofuran	10.110	168	1213632	41.02	ng		96
56) 4-Nitrophenol	10.022	139	407415	83.72	ng	#	68
57) 2,4-Dinitrotoluene	10.092	165	322627	43.61	ng	#	82
58) Fluorene	10.457	166	956514	41.08	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	247018	42.76	ng	#	84
60) Diethylphthalate	10.328	149	1059704	44.83	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	462491	41.72	ng		96
62) 4-Nitroaniline	10.475	138	222901	36.26	ng		94
63) Azobenzene	10.604	77	1171237	43.00	ng		94
65) 4,6-Dinitro-2-methylph...	10.504	198	132530	34.32	ng		97
66) n-Nitrosodiphenylamine	10.563	169	858311	43.26	ng		99
67) 4-Bromophenyl-phenylether	10.939	248	269186	43.04	ng		97
68) Hexachlorobenzene	11.004	284	283283	43.00	ng	#	88
69) Atrazine	11.092	200	246484	39.32	ng		98
70) Pentachlorophenol	11.204	266	340090	81.75	ng		98
71) Phenanthrene	11.422	178	1433376	42.25	ng		99
72) Anthracene	11.475	178	1462990	43.22	ng		100
73) Carbazole	11.627	167	1274805	39.99	ng		99
74) Di-n-butylphthalate	11.957	149	1600848	44.91	ng		99
75) Fluoranthene	12.616	202	1491486	41.48	ng		98
77) Benzidine	12.727	184	72948	6.24	ng		95
78) Pyrene	12.845	202	1480929	52.41	ng		99
80) Butylbenzylphthalate	13.463	149	671770	56.24	ng		97
81) Benzo(a)anthracene	14.033	228	1049741	42.68	ng		98
82) 3,3'-Dichlorobenzidine	13.992	252	166919	20.41	ng	#	96
83) Chrysene	14.074	228	1026572	42.50	ng		99
84) Bis(2-ethylhexyl)phtha...	14.021	149	803432	48.86	ng		98
85) Di-n-octyl phthalate	14.639	149	1285645	45.76	ng	#	61
87) Indeno(1,2,3-cd)pyrene	17.004	276	1003379	47.33	ng		97
88) Benzo(b)fluoranthene	15.092	252	989152	45.91	ng		98
89) Benzo(k)fluoranthene	15.121	252	896982	45.92	ng		99
90) Benzo(a)pyrene	15.457	252	834005	43.41	ng		98
91) Dibenzo(a,h)anthracene	17.021	278	838103	46.08	ng		98
92) Benzo(g,h,i)perylene	17.456	276	838843	50.07	ng		100

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

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