Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
Data File : BF125490.D
Acq On : 14 Sep 2021 23:53
Operator : JU/CG
Sample : M3720-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

Manual Integrations APPROVED
mohammad
9/15/2021 4:27:19 PM

Quant Time: Sep 15 01:08:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 14 17:17:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	147250	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	566943	20.000	ng		# 0.00
39) Acenaphthene-d10	9.916	164	296232	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	479224	20.000	ng		0.00
76) Chrysene-d12	14.051	240	248257	20.000	ng		-0.01
86) Perylene-d12	15.545	264	314514	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	825472	84.851	ng		0.00
7) Phenol-d6	6.516	99	1060341	84.274	ng		0.00
23) Nitrobenzene-d5	7.439	82	704171	62.530	ng		-0.01
42) 2,4,6-Tribromophenol	10.710	330	219225	74.136	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1251801	58.895	ng		0.00
79) Terphenyl-d14	12.992	244	955172	61.294	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	166174	34.616	ng	#	100
3) Pyridine	3.475	79	374214	29.529	ng	#	91
4) n-Nitrosodimethylamine	3.434	42	234174	36.928	ng	#	38
6) Aniline	6.539	93	369078	24.973	ng	#	87
8) 2-Chlorophenol	6.663	128	391754	39.474	ng	#	80
9) Benzaldehyde	6.428	77	259267	29.362	ng		93
10) Phenol	6.528	94	507732	38.534	ng		86
11) bis(2-Chloroethyl)ether	6.610	93	410166	39.526	ng		86
12) 1,3-Dichlorobenzene	6.816	146	432414	37.600	ng		98
13) 1,4-Dichlorobenzene	6.892	146	436032	38.051	ng		97
14) 1,2-Dichlorobenzene	7.045	146	421289	39.078	ng		98
15) Benzyl Alcohol	7.022	79	356879	36.839	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	734499	35.294	ng		92
17) 2-Methylphenol	7.133	107	334193	40.087	ng	#	92
18) Hexachloroethane	7.386	117	156946	39.113	ng	#	83
19) n-Nitroso-di-n-propyla...	7.292	70	280063	37.007	ng	#	76
20) 3+4-Methylphenols	7.286	107	380803	36.388	ng	#	59
22) Acetophenone	7.286	105	540215	37.024	ng	#	89
24) Nitrobenzene	7.463	77	458377	37.355	ng		91
25) Isophorone	7.698	82	802502	36.940	ng	#	89
26) 2-Nitrophenol	7.781	139	202812	41.392	ng	#	86
27) 2,4-Dimethylphenol	7.816	122	348820	40.665	ng		88
28) bis(2-Chloroethoxy)met...	7.904	93	500330	41.595	ng	#	96
29) 2,4-Dichlorophenol	8.022	162	336947	38.517	ng		96
30) 1,2,4-Trichlorobenzene	8.098	180	360814	37.823	ng		94
31) Naphthalene	8.180	128	1066616	36.735	ng		100
33) 4-Chloroaniline	8.233	127	218686	19.105	ng	#	95
34) Hexachlorobutadiene	8.292	225	234232	38.508	ng		99
35) Caprolactam	8.598	113	75546m	33.341	ng		
36) 4-Chloro-3-methylphenol	8.722	107	349610	39.147	ng		92
37) 2-Methylnaphthalene	8.875	142	745169	38.838	ng		98
38) 1-Methylnaphthalene	8.975	142	684544	38.207	ng		96
40) 1,2,4,5-Tetrachloroben...	9.039	216	379356	39.196	ng		97
41) Hexachlorocyclopentadiene	9.022	237	298354	58.675	ng		97
43) 2,4,6-Trichlorophenol	9.157	196	213312	31.302	ng		98
44) 2,4,5-Trichlorophenol	9.204	196	211349	29.479	ng	#	92

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
Data File : BF125490.D
Acq On : 14 Sep 2021 23:53
Operator : JU/CG
Sample : M3720-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

Manual Integrations APPROVED
mohammad
9/15/2021 4:27:19 PM

Quant Time: Sep 15 01:08:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 14 17:17:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.339	154	861487	36.072	ng		99
47) 2-Chloronaphthalene	9.363	162	715004	36.841	ng		97
48) 2-Nitroaniline	9.463	65	262097	43.566	ng	#	82
49) Acenaphthylene	9.780	152	1074774	38.004	ng		99
50) Dimethylphthalate	9.639	163	843765	41.102	ng	#	97
51) 2,6-Dinitrotoluene	9.704	165	185543	41.683	ng	#	81
52) Acenaphthene	9.951	154	638168	36.400	ng		97
53) 3-Nitroaniline	9.874	138	142519	29.689	ng	#	76
54) 2,4-Dinitrophenol	9.998	184	5577	3.172	ng	#	87
55) Dibenzofuran	10.122	168	925647	36.686	ng		98
56) 4-Nitrophenol	10.045	139	146628	38.572	ng	#	81
57) 2,4-Dinitrotoluene	10.110	165	235644	43.740	ng	#	99
58) Fluorene	10.469	166	726398	38.941	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	120904	22.724	ng	#	82
60) Diethylphthalate	10.339	149	782916	39.120	ng		98
61) 4-Chlorophenyl-phenyle...	10.457	204	370048	39.235	ng		87
62) 4-Nitroaniline	10.492	138	178812	41.424	ng	#	82
63) Azobenzene	10.616	77	794588	35.397	ng		90
65) 4,6-Dinitro-2-methylph...	10.521	198	27579	10.873	ng		86
66) n-Nitrosodiphenylamine	10.580	169	681400	39.710	ng		96
67) 4-Bromophenyl-phenylether	10.945	248	243154	42.254	ng		95
68) Hexachlorobenzene	11.016	284	250292	42.279	ng	#	84
69) Atrazine	11.104	200	205187	41.671	ng		92
70) Pentachlorophenol	11.216	266	61822	17.885	ng		92
71) Phenanthrene	11.433	178	1338541	50.692	ng		98
72) Anthracene	11.486	178	1088047	41.805	ng		98
73) Carbazole	11.639	167	842918	35.441	ng		99
74) Di-n-butylphthalate	11.963	149	1033233	36.608	ng		100
75) Fluoranthene	12.627	202	1392616	53.152	ng		96
77) Benzidine	12.745	184	296427	34.189	ng		97
78) Pyrene	12.857	202	1272515	59.755	ng		96
80) Butylbenzylphthalate	13.462	149	321442	38.414	ng		91
81) Benzo(a)anthracene	14.045	228	1015112	56.751	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	127324	22.963	ng	#	98
83) Chrysene	14.080	228	964123	54.503	ng		97
84) Bis(2-ethylhexyl)phtha...	14.021	149	440241	38.279	ng	#	99
85) Di-n-octyl phthalate	14.633	149	805649	42.119	ng	#	97
87) Indeno(1,2,3-cd)pyrene	17.050	276	1029477	45.435	ng	#	89
88) Benzo(b)fluoranthene	15.109	252	1139225	49.579	ng	#	94
89) Benzo(k)fluoranthene	15.139	252	947377	44.184	ng		99
90) Benzo(a)pyrene	15.486	252	1052363m	51.848	ng		
91) Dibenzo(a,h)anthracene	17.068	278	768108m	39.218	ng		
92) Benzo(g,h,i)perylene	17.509	276	843555	44.668	ng	#	86

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091421\
Data File : BF125490.D
Acq On : 14 Sep 2021 23:53
Operator : JU/CG
Sample : M3720-02MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 15 01:08:15 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF081821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 14 17:17:24 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WQ-SOILPILEMS

Manual Integrations APPROVED
mohammad
9/15/2021 4:27:19 PM